WIND-TUNNEL STUDY OF TWO DALLAS CENTRE, DALLAS

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CSU Project 2-27820

August 1981

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CER81-82JAP-JEC13

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF SYMBOLS

Symbol	Definition
U	Local mean velocity
D	Characteristic dimension (building height, width, etc.)
ν, ρ	Kinematic viscosity and density of approach flow
$\frac{UD}{\nu}$	Reynolds number
E	Mean voltage
A, B, n	Constants
U_{rms}	Root-mean-square of fluctuating velocity
E_{rms}	Root-mean-square of fluctuating voltage
U_∞	Reference mean velocity outside the boundary layer
X, Y	Horizontal coordinates
Z	Height above surface
δ	Height of boundary layer
T_u	Turbulence intensity $\frac{U_{rms}}{U_\infty}$ or $\frac{U_{rms}}{U}$
$C_{p_{mean}}$	Mean pressure coefficient, $\frac{(p-p_\infty)_{mean}}{0.5\ \rho\ U_\infty^2}$
$C_{p_{rms}}$	Root-mean-square pressure coefficient, $\frac{\left((p-p_\infty)-(p-p_\infty)_{mean}\right)_{rms}}{0.5\ \rho\ U_\infty^2}$
$C_{p_{max}}$	Peak maximum pressure coefficient, $\frac{(p-p_\infty)_{max}}{0.5\ \rho\ U_\infty^2}$
$C_{p_{min}}$	Peak minimum pressure coefficient, $\frac{(p-p_\infty)_{min}}{0.5\ \rho\ U_\infty^2}$
$(\ )_{min}$	Minimum value during data record
$(\ )_{max}$	Maximum value during data record

Symbol	Definition
p	Fluctuating pressure at a pressure tap on the structure
p_∞	Static pressure in the wind tunnel above the model
F_x, F_y	Forces in X, Y direction
A_R	Reference Area
CF_X	Force coefficient, X direction, $\frac{F_x}{A_R \ 0.5\rho \ U_\infty^2}$
CF_Y	Force coefficient, Y direction, $\frac{F_y}{A_R \ 0.5\rho \ U_\infty^2}$

1. INTRODUCTION

1.1 General

A significant characteristic of modern building design is lighter cladding and more flexible frames. These features produce an increased vulnerability of glass and cladding to wind damage and result in larger deflections of the building frame. In addition, increased use of pedestrian plazas at the base of the buildings has brought about a need to consider the effects of wind and gustiness in the design of these areas.

The building geometry itself may increase or decrease wind loading on the structure. Wind forces may be modified by nearby structures which can produce beneficial shielding or adverse increases in loading. Overestimating loads results in uneconomical design; underestimating may result in cladding or window failures. Tall structures have historically produced unpleasant wind and turbulence conditions at their bases. The intensity and frequency of objectionable winds in pedestrian areas is influenced both by the structure shape and by the shape and position of adjacent structures.

Techniques have been developed for wind tunnel modeling of proposed structures which allow the prediction of wind pressures on cladding and windows, overall structural loading, and also wind velocities and gusts in pedestrian areas adjacent to the building. Information on sidewalk-level gustiness allows plaza areas to be protected by design changes before the structure is constructed. Accurate knowledge of the intensity and distribution of the pressures on the structure permits adequate but economical selection of cladding strength to meet selected maximum design winds and overall wind loads for the design of the frame for flexural control.

Modeling of the aerodynamic loading on a structure requires special consideration of flow conditions in order to guarantee similitude between model and prototype. A detailed discussion of the similarity requirements and their wind-tunnel implementation can be found in references (1), (2), and (3). In general, the requirements are that the model and prototype be geometrically similar, that the approach mean velocity at the building site have a vertical profile shape similar to the full-scale flow, that the turbulence characteristics of the flows be similar, and that the Reynolds number for the model and prototype be equal.

These criteria are satisfied by constructing a scale model of the structure and its surroundings and performing the wind tests in a wind tunnel specifically designed to model atmospheric boundary-layer flows. Reynolds number similarity requires that the quantity UD/ν be similar for model and prototype. Since ν, the kinematic viscosity of air, is identical for both, Reynolds numbers cannot be made precisely equal with reasonable wind velocities. To accomplish this the air velocity in the wind tunnel would have to be as large as the model scale factor times the prototype wind velocity, a velocity which would introduce unacceptable compressibility effects. However, for sufficiently high Reynolds numbers ($>2\times10^4$) the pressure coefficient at any location on the structure will be essentially constant for a large range of Reynolds numbers. Typical values encountered are 10^7-10^8 for the full-scale and 10^5-10^6 for the wind-tunnel model. In this range acceptable flow similarity is achieved without precise Reynolds number equality.

1.2 The Wind-Tunnel Test

The wind-engineering study is performed on a building or building group modeled at scales ranging from 1:150 to 1:400. The building model

is constructed of clear plastic fastened together with screws. The structure is modeled in detail to provide accurate flow patterns in the wind passing over the building surfaces. The building under test is often located in a surrounding where nearby buildings or terrain may provide beneficial shielding or adverse wind loading. To achieve similarity in wind effects the area surrounding the test building is also modeled. A flow visualization study is first made (smoke is used to make the air currents visible) to define overall flow patterns and identify regions where local flow features might cause difficulties in building curtain-wall design or produce pedestrian discomfort.

The test model, equipped with pressure taps (200 to 600 or more), is exposed to an appropriately modeled atmospheric wind in the wind tunnel and the fluctuating pressure at each tap measured electronically. The model, and the modeled area, are rotated 10 or 15 degrees and another set of data recorded for each pressure tap. Normally, 24 or 36 sets of data (360 degrees of turning) are taken; however, when flow visualization or recorded data indicate high pressure regions of small azimuthal extent, data is obtained in smaller azimuthal steps.

Data are recorded, analyzed and processed by an on-line computerized data-acquisition system. Pressure coefficients of several types are calculated by the computer for each reading on each piezometer tap and are printed in tabular form as computer readout. Using wind data applicable to the building site, representative wind velocities are selected for combination with measured pressures on the building model. Integration of test data with wind data results in prediction of peak local wind pressures for design of glass or cladding and may include overall forces and moments on the structure (by floor if desired) for design of

the structural frame. Pressure contours are drawn on the developed building surfaces showing the intensity and distribution of peak wind loads on the building. These results may be used to divide the building into zones where lighter or heavier cladding or glass may be desirable.

Based on the visualization (smoke) tests and on a knowledge of heavy pedestrian use areas, a dozen or more locations may be chosen at the base of the building where wind velocities can be measured to determine the relative comfort or discomfort of pedestrians in plaza areas, near building entrances, near building corners, or on sidewalks. Usually a reference pedestrian position is also tested to determine whether the wind environment in the building area is better or worse than the environment a block or so away in an undisturbed area.

The following pages discuss in greater detail the procedures followed and the equipment and data collecting and processing methods used. In addition, the data presentation format is explained and the implications of the data are discussed.

2. EXPERIMENTAL CONFIGURATION

2.1 Wind Tunnel

Wind-engineering studies are performed in the Fluid Dynamics and Diffusion Laboratory at Colorado State University (Figure 1). Three large wind tunnels are available for wind loading studies depending on the detailed requirements of the study. The wind tunnel used for this investigation is shown in Figure 2. All tunnels have a flexible roof adjustable in height to maintain a zero pressure gradient along the test section. The mean velocity can be adjusted continuously in each tunnel to the maximum velocity available.

2.2 Model

In order to obtain an accurate assessment of local pressures using piezometer taps, models are constructed to the largest scale that does not produce significant blockage in the wind-tunnel test section. The models are constructed of 1/2 in. thick Lucite plastic and fastened together with metal screws. Significant variations in the building surface, such as mullions, are machined into the plastic surface. Piezometer taps (1/16 in. diameter) are drilled normal to the exterior vertical surfaces in rows at several or more elevations between the bottom and top of the building. Similarly, taps are placed in the roof and on any sloping, protruding, or otherwise distinctive features of the building that might need investigation.

Pressure tap locations are chosen so that the entire surface of the building can be investigated for pressure loading and at the same time permit critical examination of areas where experience has shown that maximum wind effects may be expected to occur. Locations of the pressure taps for this study are shown in Figure 3. Dimensions are

given both for full-scale building (in ft) and for model (in in.). The pressure tap numbers are shown adjacent to the taps.

The pressure tests are sometimes made in two stages. In the first stage measurements are made on the initial distribution of pressure taps. If it becomes apparent from the data that the loading on the building is being influenced by some unsuspected geometry of the building or adjacent structures, additional pressure taps are installed in the critical areas. The locations of the taps are selected so that the maximum loading can be detected and the area over which this loading is acting can be defined. Any added taps are also shown in Figure 3.

A circular area 750 to 2000 ft in radius depending on model scale and characteristics of the surrounding buildings and terrain is modeled in detail. Structures within the modeled region are made from styrofoam and cut to the individual building geometries. They are mounted on the turntable in their proper locations. Significant terrain features are included as needed. The model is mounted on a turntable (Figure 2) near the downwind end of the test section. Any buildings or terrain features which do not fit on the turntable are placed on removable pieces which are placed upwind of the turntable for appropriate wind directions. A plan view of the building and its surroundings is shown in Figure 4. The turntable is calibrated to indicate azimuthal orientation to 0.1 degree.

The region upstream from the modeled area is covered with a randomized roughness constructed using various sized cubes placed on the floor of the wind tunnel. Different roughness sizes may be used for different wind directions. Spires are installed at the test-section entrance to provide a thicker boundary layer than would otherwise be

available. The thicker boundary layer permits a somewhat larger scale model than would otherwise be possible. The spires are approximately triangularly shaped pieces of 1/2 in. thick plywood 6 in. wide at the base and 1 in. wide at the top, extending from the floor to the top of the test section. They are placed so that the broad side intercepts the flow. A barrier approximately 8 in. high is placed on the test-section floor downstream of the spires to aid in development of the boundary-layer flow.

The distribution of the roughness cubes and the spires in the roughened area was designed to provide a boundary-layer thickness of approximately 4 ft, a velocity profile power-law exponent similar to that expected to occur in the region approaching the modeled area for each wind direction (a number of wind directions may have the same approach roughness). A photograph of the completed model in the wind tunnel is shown in Figure 5. The wind-tunnel ceiling is adjusted after placement of the model to obtain a zero pressure gradient along the test section.

3. INSTRUMENTATION AND DATA ACQUISITION

3.1 Flow Visualization

Making the air flow visible in the vicinity of the model is helpful (a) in understanding and interpreting mean and fluctuating pressures, (b) in defining zones of separated flow and reattachment and zones of vortex formation where pressure coefficients may be expected to be high and (c) in indicating areas where pedestrian discomfort may be a problem. Titanium tetrachloride smoke is released from sources on and near the model to make the flow lines visible to the eye and to make it possible to obtain motion picture records of the tests. Conclusions obtained from these smoke studies are discussed in Sections 4.1 and 5.1.

3.2 Pressures

Mean and fluctuating pressures are measured at each of the pressure taps on the model structure. Data are obtained for 24 or 36 wind directions, rotating the entire model assembly in a complete circle. Seventy-six pieces of 1/16 in. I.D. plastic tubing are used to connect 76 pressure ports at a time to an 80 tap pressure switch mounted inside the model. The switch was designed and fabricated in the Fluid Dynamics and Diffusion Laboratory to minimize the attenuation of pressure fluctuations across the switch. Each of the 76 measurement ports is directed in turn by the switch to one of four pressure transducers mounted close to the switch. The four pressure input taps not used for transmitting building surface pressures are connected to a common tube leading outside the wind tunnel. This arrangement provides both a means of performing in-place calibration of the transducers and, by connecting this tube to a pitot tube mounted inside the wind tunnel, a means of automatically monitoring the tunnel speed. The switch is operated by means of a shaft projecting through

the floor of the wind tunnel. A computer-controlled stepping motor steps the switch into each of the 20 required positions. The computer keeps track of switch position but a digital readout of position is provided at the wind tunnel.

The pressure transducers used are setra differential transducers (Model 237) with a 0.10 psid range. Reference pressures are obtained by connecting the reference sides of the four transducers, using plastic tubing, to the static side of a pitot-static tube mounted in the wind tunnel free stream above the model building. In this way the transducer measures the instantaneous difference between the local pressures on the surface of the building and the static pressure in the free stream above the model.

Output from the pressure transducers is fed to an on-line data acquisition system consisting of a Hewlett Packard 21 MX computer, disk unit, card reader, printer, Digi-Data digital tape drive and a Preston Scientific analog-to-digital converter. The data are processed immediately into pressure coefficient form as described in Section 4.3 and stored for printout or further analysis.

All four transducers are recorded simultaneously for 16 seconds at a 250 sample per second rate. The results of an experiment to determine the length of record required to obtain stable mean and rms (root-mean-square) pressures and to determine the overall accuracy of the pressure data acquisition system is shown in Figure 6. A typical pressure port record was integrated for a number of different time periods to obtain the data shown. Examination of a large number of pressure taps showed that the overall accuracy for a 16 second period is, in pressure coefficient form, 0.03 for mean pressures, 0.1 for peak pressures, and 0.01 for rms pressures. Pressure coefficients are defined in Section 4.3.

3.3 Velocity

Mean velocity and turbulence intensity profiles are measured upstream of the model to determine that an approach boundary-layer flow appropriate to the site has been established. Tests are made at one wind velocity in the tunnel. This velocity is well above that required to produce Reynolds number similarity between the model and the prototype as discussed in Section 1.1.

In addition, mean velocity and turbulence intensity measurements are made 5 to 7 ft (prototype) above the surface at a dozen or more locations on and near the building for 16 wind directions. The measurement locations are shown on Figure 4. The surface measurements are indicative of the wind environment to which a pedestrian at the measurement location would be subjected. The locations are chosen to determine the degree of pedestrian comfort or discomfort at the building corners where relatively severe conditions frequently are found, near building entrances and on adjacent sidewalks where pedestrian traffic is heavy, and in open plaza areas. In most studies a reference pedestrian position, located about a block away, is also tested. These data are helpful in evaluating the degree of pedestrian comfort or discomfort in the proposed plaza area in terms of the undisturbed environment in the immediate vicinity.

Measurements are made with a single hot-wire anemometer mounted with its axis vertical. The instrumentation used is a Thermo Systems constant temperature anemometer (Model 1050) with a 0.001 in. diameter platinum film sensing element 0.020 in. long. Output is directed to the on-line data acquisition system for analysis.

Calibration of the hot-wire anemometer is performed by comparing output with the pitot-static tube in the wind tunnel. The calibration

data are fit to a variable exponent King's Law relationship of the form

$$E^2 = A + BU^n$$

where E is the hot-wire output voltage, U the velocity and A, B, and n are coefficients selected to fit the data. The above relationship was used to determine the mean velocity at measurement points using the measured mean voltage. The fluctuating velocity in the form U_{rms} (root-mean-square velocity) was obtained from

$$U_{rms} = \frac{2\ E\ E_{rms}}{B\ n\ U^{n-1}}$$

where E_{rms} is the root-mean-square voltage output from the anemometer. For interpretation all turbulence measurements for pedestrian winds were divided by the mean velocity outside the boundary-layer U_∞. Turbulence intensity in velocity profile measurements used the local mean velocity.

4. RESULTS

4.1 Flow Visualization

A film is included as part of this report showing the characteristics of flow about the structure using smoke to make the flow visible. A listing of the contents of the film is shown in Table 1. Several features can be noted from the visualization. As with all large structures, wind approaching the building is deflected down to the plaza level, up over the structure and around the sides. A description of the smoke test results emphasizing flow patterns of concern relative to possible high-wind load areas and pedestrian comfort is given in Section 5.1.

4.2 Velocity

Velocity and turbulence profiles are shown in Figure 7. Profiles were taken upstream from the model which are characteristic of the boundary layer approaching the model and sometimes at the building site with building removed. The boundary-layer thickness, δ, is shown in Figure 7. The corresponding prototype value of δ for this study is also shown in the figure. This value was established as a reasonable height for this study. The mean velocity profile approaching the modeled area has the form

$$\frac{U}{U_\infty} = \left(\frac{z}{\delta}\right)^n .$$

The exponent n for the approach flow established for this study is shown in Figure 7.

Profiles of longitudinal turbulence intensity in the flow approaching the modeled area are shown in Figure 7. The turbulence intensities are appropriate for the approach mean velocity profile selected. For the velocity profiles, turbulence intensity is defined

as the root-mean-square about the mean of the longitudinal velocity fluctuations divided by the local mean velocity U,

$$Tu = \frac{U_{rms}}{U} .$$

Velocity data obtained at each of the pedestrian measurement locations shown in Figure 4 are listed in Table 2 as mean velocity U/U_∞, turbulence intensity U_{rms}/U_∞, and largest effective gust

$$U_{pk} = \frac{U + 3U_{rms}}{U_\infty} .$$

These data are plotted in polar form in Figure 8. Measurements were taken 5 to 7 ft above the ground surface. A site map is superimposed on the polar plots to aid in visualization of the effects of the nearby structures on the velocity and turbulence magnitudes. An analysis of these wind data is given in Section 5.2.

To enable a quantitative assessment of the wind environment, the wind-tunnel data were combined with wind frequency and direction information obtained at the local airport. Table 3 shows wind frequency by direction and magnitude obtained from summaries published by the National Weather Service. These data, usually obtained at an elevation of about 30-40 ft, were converted to velocities at the reference velocity height for the wind-tunnel measurements and combined with the wind-tunnel data to obtain cumulative probability distributions (percent time a given velocity is exceeded) for wind velocity at each measuring location. The percentage times were summed by wind direction to obtain a percent time exceeded at each measuring position independent of wind direction (but accounting for the fact that the wind blows from different directions with varying frequency). These results are plotted in Figure 9.

Interpretation of Figure 9 is aided by a description of the effects of wind of various magnitudes on people. The earliest quantitative description of wind effects was established by Sir Francis Beaufort in 1806 for use at sea and is still in use today. Several recent investigators have added to the knowledge of wind effects on pedestrians. These investigations along with suggested criteria for acceptance have been summarized by Penwarden and Wise (4) and Melbourne (5). The Beaufort scale (from ref. 4), based on mean velocity only, is reproduced as Table 4 including qualitative descriptions of wind effects. Table 4 suggests that mean wind speeds below 12 mph are of minor concern and that mean speeds above 24 mph are definitely inconvenient. Quantitative criteria for acceptance from reference 5 are superimposed as dashed lines on Figure 9. The peak gust curves shown in Figure 9 are the percent of time during which a short gust of the stated magnitude could occur (say about one of these gusts per hour). Implications of the data plotted in Figure 9 are presented in Section 5.2

Because some pedestrian wind measuring positions are purposely chosen at sites where the smoke tests showed large velocities of small spacial extent, the general wind environment about the structure may be less severe than one might infer from a strict analysis of Table 2 and Figure 9.

4.3 Pressures

For each of the pressure taps examined at each wind direction, the data record is analyzed to obtain four separate pressure coefficients. The first is the mean pressure coefficient

$$C_{p_{mean}} = \frac{(p-p_\infty)_{mean}}{0.5\ \rho\ U_\infty^2}$$

where the symbols are as defined in the List of Symbols. It represents the mean of the instantaneous pressure difference between the building pressure tap and the static pressure in the wind tunnel above the building model, nondimensionalized by the dynamic pressure

$$0.5\ \rho\ U_\infty^2$$

at the reference velocity position. This relationship produces a dimensionless coefficient which indicates that the mean pressure difference between building and ambient wind at a given point on the structure is some fraction less or some fraction greater than the undisturbed wind dynamic pressure near the upper edge of the boundary layer. Using the measured coefficient, prototype mean pressure values for any wind velocity may be calculated.

The magnitude of the fluctuating pressure is obtained by the rms pressure coefficient

$$C_{p_{rms}} = \frac{\left((p-p_\infty) - (p-p_\infty)_{mean}\right)_{rms}}{0.5\ \rho\ U_\infty^2}$$

in which the numerator is the root-mean-square of the instantaneous pressure difference about the mean .

If the pressure fluctuations followed a Gaussian probability distribution, no additional data would be required to predict the

frequency with which any given pressure level would be observed. However, the pressure fluctuations do not, in general, follow a Gaussian probability distribution so that additional information is required to show the extreme values of pressure expected. The peak maximum and peak minimum pressure coefficients are used to determine these values:

$$C_{p_{max}} = \frac{(p-p_\infty)_{max}}{0.5\ \rho\ U_\infty^2}$$

$$C_{p_{min}} = \frac{(p-p_\infty)_{min}}{0.5\ \rho\ U_\infty^2}$$

The values of $p-p_\infty$ which were digitized at 250 samples per second for 16 seconds, representing about one hour of time in the full-scale, are examined individually by the computer to obtain the most positive and most negative values during the 16-second period. These are converted to $C_{p_{max}}$ and $C_{p_{min}}$ by nondimensionalizing with the free stream dynamic pressure.

The four pressure coefficients are calculated by the on-line data acquisition system computer and tabulated along with the approach wind azimuth in degrees from true north. The list of coefficients is included as Appendix A. The pressure tap code numbers used in the appendix are explained in Figure 3.

To determine the largest peak loads acting at any point on the structure for cladding design purposes, the pressure coefficients for all wind directions were searched to obtain, at each pressure tap, the largest absolute value of peak pressure coefficient. Table 6 provides these pressure coefficients and associated wind directions. Included in Section 5.3 is an analysis of the coefficients of Table 6 including the maximum values obtained and where they occurred on the building.

The pressure coefficients of Table 6 can be converted to full-scale loads by multiplication by a suitable reference pressure selected for the field site. This reference pressure is represented in the equations for pressure coefficients by the $0.5\ \rho\ U_\infty^2$ denominator. This value is the dynamic pressure associated with an hourly mean wind at the reference velocity measurement position at the edge of the boundary layer. In general, the method of arriving at a design reference pressure for a particular site involves selection of a design wind velocity, translation of the velocity to an hourly mean wind at the reference velocity location and conversion to a reference pressure. Selection of the design velocity can be made from statistical analysis of extreme wind data or selected from wind maps contained in the proposed wind loading code ANSI A58.1 of the American National Standards Institute (6). The calculation of reference pressure for this study is shown in Table 5. The factor used in Table 5 to reduce gust winds to hourly mean winds is given in reference (7).

The reference pressure associated with the design hourly mean velocity at the reference velocity location can be used directly with the peak-pressure coefficients to obtain peak local design wind loads for cladding design. Local, instantaneous peak loads on the full-scale building suitable for cladding design were computed by multiplying the reference pressure of Table 5 by the peak coefficients of Table 6 and are listed as peak pressures in that table. The maximum psf load given at each tap location is the absolute value of the maximum value found in the tests, irrespective of its algebraic sign. For ease in visualizing the loads on the structure, contours of equal peak pressures for cladding load shown in Table 6 have been plotted on developed elevation

views of the structure, Figure 10. For control of water infiltration from outside to inside, the largest positive (inward-acting) pressure at each tap location is tabulated in Table 6.

For glass design pressures, a glass load factor is used to account for the different duration between measured peak pressures and the one minute loading commonly used in glass design charts. The design pressure used for glass is normally less than the peak pressures used for cladding design because of the static fatigue property of glass which can withstand higher pressures for short duration loads than for long duration loads. Recent research (8) indicates that the period of application of the peak pressures reported herein is about 5-10 seconds or less. If a glass design is based on these peak-pressure values, then a glass strength associated with this duration load should be used. Because glass design charts are normally based on some alternate load duration--usually one minute--then some reduction in peak loads should be made. An estimate of a load reduction factor can be obtained from an empirical relation of glass strength as a function of load duration. Current glass selection charts showing glass strength as a function of load duration (9) and older references (10) indicate the following load reduction factors:

	ref 9	ref 10
annealed float	0.80	0.81
heat strengthened	0.94	
tempered	0.97	0.98

Loadings appropriate for glass design can be computed by multiplying the peak-pressure loads of Table 6 by these load factors.

4.4 Forces and Moments

Force coefficients in the horizontal X and Y directions and moment coefficients about the X, Y, and Z axes with the origin at ground level at the base of the building with Z axis vertical may be computed for all wind directions tested by integration of mean pressures on the building. Overall forces and moments acting on the full-scale building due to wind loading which are useful in designing the structural framing of the proposed building may be obtained from use of these coefficients.

Force coefficients were computed for each floor for each wind direction using the equations shown below.

$$CF_X = \frac{F_X}{A_R \; 0.5 \; \rho \; U_\infty^{\,2}} \qquad CF_Y = \frac{F_Y}{A_R \; 0.5 \; \rho \; U_\infty^{\,2}}$$

Terms and symbols used in the equations are defined in the List of Symbols and the axes are defined for the building in Figure 3. Force coefficients CF_X and CF_Y were computed for the horizontal forces acting along the X and Y axes using the mean pressure coefficient at each pressure tap. A_R represents a constant reference area for nondimensionalization of the forces and moments.

The total forces acting on the full-scale building for each floor and wind direction were computed by multiplying the above coefficients by the appropriate full-scale reference area, by the reference pressure of Table 5, and by a gust load factor selected for an appropriate wind gust duration. The gust load factor, shown in Table 5, was selected to increase the loads from an hourly mean load to that of a gust whose duration would be sufficient for its effect to be fully felt by the structure. A table of gust load factors for various gust durations is

incorporated in Table 5 so that force and moment data of Table 7 may be adjusted to a different load duration if desired.

The forces obtained at each floor were used to obtain load, shear, and moment diagrams for the building for each wind direction. The shear diagram, in kips, was obtained by algebraic sum of all forces in each coordinate direction acting above the floor of interest. The load diagram, in psf, was obtained by dividing the shear values by their contributing areas (listed in Table 7). The moment diagram, in 1000 ft-kips, was obtained by integration of the shear values so that the moment due to forces acting above the floor level of interest was calculated. The sign of the moment was established by the right-hand rule about an X', Y' axis through the floor of interest. Moments about the Z axis were calculated by considering the displacement of forces in the X and Y directions from the Z axis shown in Figure 3. Load, shear, and moment diagrams are shown in Figure 11 for several wind directions.

5. DISCUSSION

5.1 Flow Visualization

Flow patterns identified with smoke showed that high wind speeds can reach the Two Dallas Centre building despite the dense urban setting immediately around the building. The highest pressures, based on observed flow patterns, should be near the top corners of the building. The recessed notches on the side of the building should experience lower pressures than on most areas of the building. The wind velocity in pedestrian areas about the base of the building appeared to be fairly high near the six corners of the building--particularly at the ends of the building and under the elevated pedestrian bridge. Velocities near the entrances in the notches appeared to be much lower.

5.2 Pedestrian Winds

Figure 4 shows the 17 locations selected for investigation of pedestrian wind comfort. Location 1 near the corner of Bryan and Olive was selected as a reference location which should be reasonably undisturbed by presence of the Two Dallas Centre building. Table 2 and Figure 8 show that the largest values of mean velocity near the base of the Two Dallas Centre building were measured at locations 5, 6, 12, 13 and 14 with values of 79, 77, 84, 77 and 75 percent of U_∞, the mean velocity at the boundary-layer height. These values correspond with largest mean velocities at reference location 1 for several approach wind azimuths of 92, 84, 83, 74 and 73 percent of U_∞. Location 1 thus appears to be a windier location for mean winds than any locations at the base of the Two Dallas Centre building. In an open-country environment, the mean wind might be about 45 percent of U_∞.

The largest values of fluctuating velocity, U_{rms}, were measured at locations 5, 6, 11 and 13 with values ranging from 23 to 28 percent of U_∞. For comparison, the largest value measured at reference location 1 was 23 percent, while an open area would experience values of 10 to 12 percent. The largest value of peak gust near the base of the building, represented by the mean plus three rms as discussed in Section 4.2, were measured at locations 5, 6, 11, 12 and 13 with values ranging from 131 to 154 percent of U_∞. The largest values at reference location 1 ranged from 130 to 157 percent of U_∞ over four wind directions. An open-country environment might expect values of 80 to 85 percent of U_∞.

Velocity data of Table 2 integrated with local wind data listed in Table 3 are shown in Figure 9. Based on the data of this figure, the windiest location measured in this study will be the reference location 1. This location is unacceptable for mean winds based on published acceptance criteria. Location 1 is not typical of an average downtown Dallas location--it was selected because it appeared to be a possible high-wind area. The windiest location about the base of the Two Dallas Centre building was location 12 which should be unacceptably windy approximately 20 to 30 percent of the time. Other areas about the building, particularly locations 4, 5, 6, 8, 10, 11 and 14 will be uncomfortable for walking more than 10 percent of the time for mean winds. Locations 2 and 9 in the notches in the building should be quite comfortable.

Results of the pedestrian wind analysis showed that location 12 will be considered unacceptably windy for a significant percentage of time based on published acceptability criteria. This location will not be as windy as the reference location 1 which currently exists. Because downtown Dallas is known as a windy environment, it may be that the actual

local acceptability criteria are somewhat higher than those used in this report. Several other areas about the base of the building should be uncomfortable for walking a significant percentage of time.

5.3 Pressures

Table 6 shows the largest peak pressure coefficients and corresponding loads measured on the building for each pressure tap location. Data identified as Configuration A in Table 6 and Appendix A represent data obtained at all tap locations for 36 wind directions. Configuration B represents data obtained at selected taps at 2-degree azimuthal increments near azimuths where large pressure peaks were observed in Configuration A to ensure that the largest peaks were obtained. The largest peak pressure coefficient measured on the building was -4.3 at tap 914 on the roof of the notch on the north side of the building. There is a small vortex which forms at the break in the vertical geometry which caused this high local pressure. The largest coefficient on the cladding was -3.4 at tap 118 near an upper corner of the building. These largest peak coefficients represent, using the 50-year recurrence wind reference pressure of Table 5, peak cladding pressures of -116 and -91 psf respectively. Figure 10 shows that most of the area of the building has peak pressure values of 20 to 50 psf.

Figure 11 shows load, shear and moment diagrams, plotted from Table 7, for the two wind directions resulting in the largest X and Y base shears. For the largest Y base shear, the X shear is of comparable magnitude.

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FIGURES

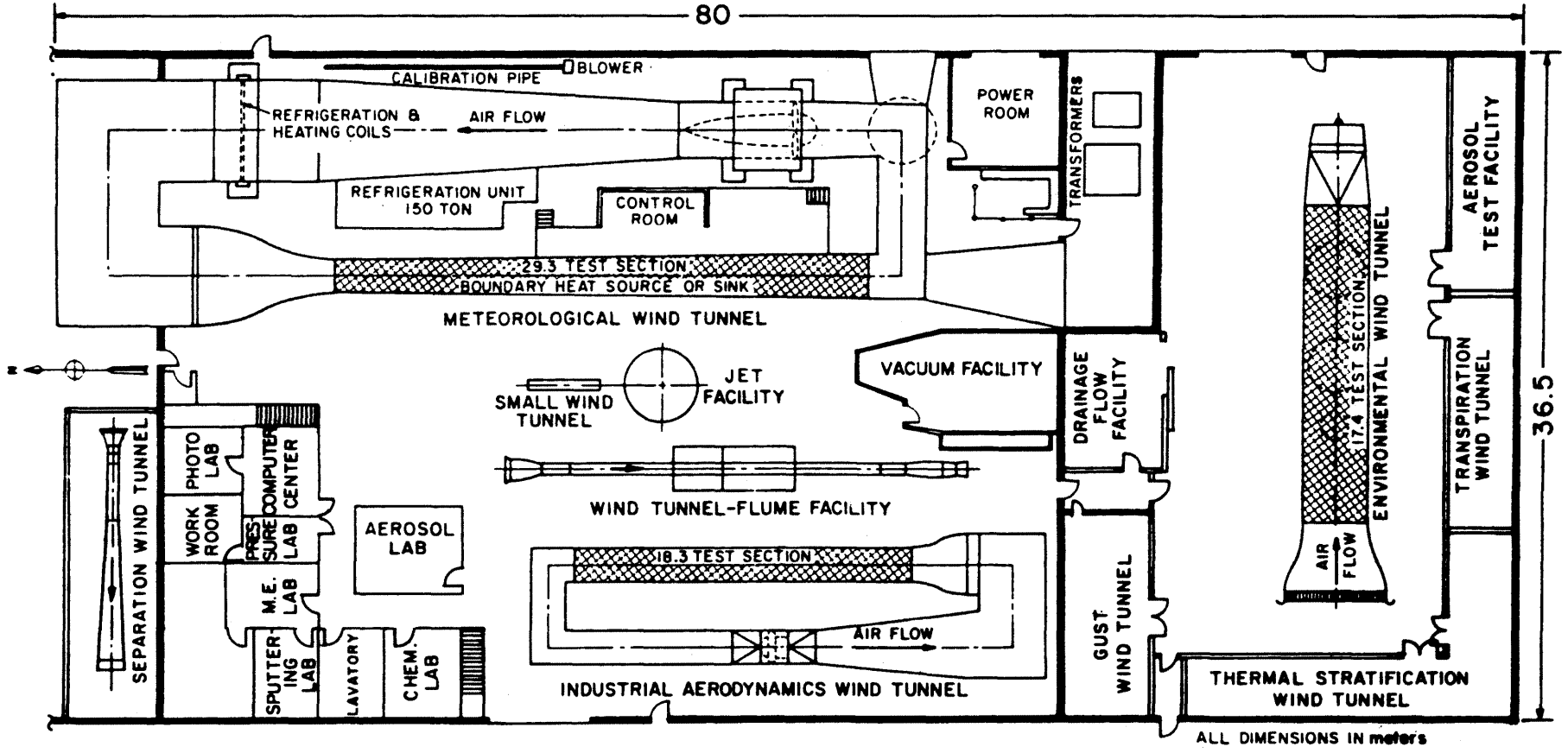
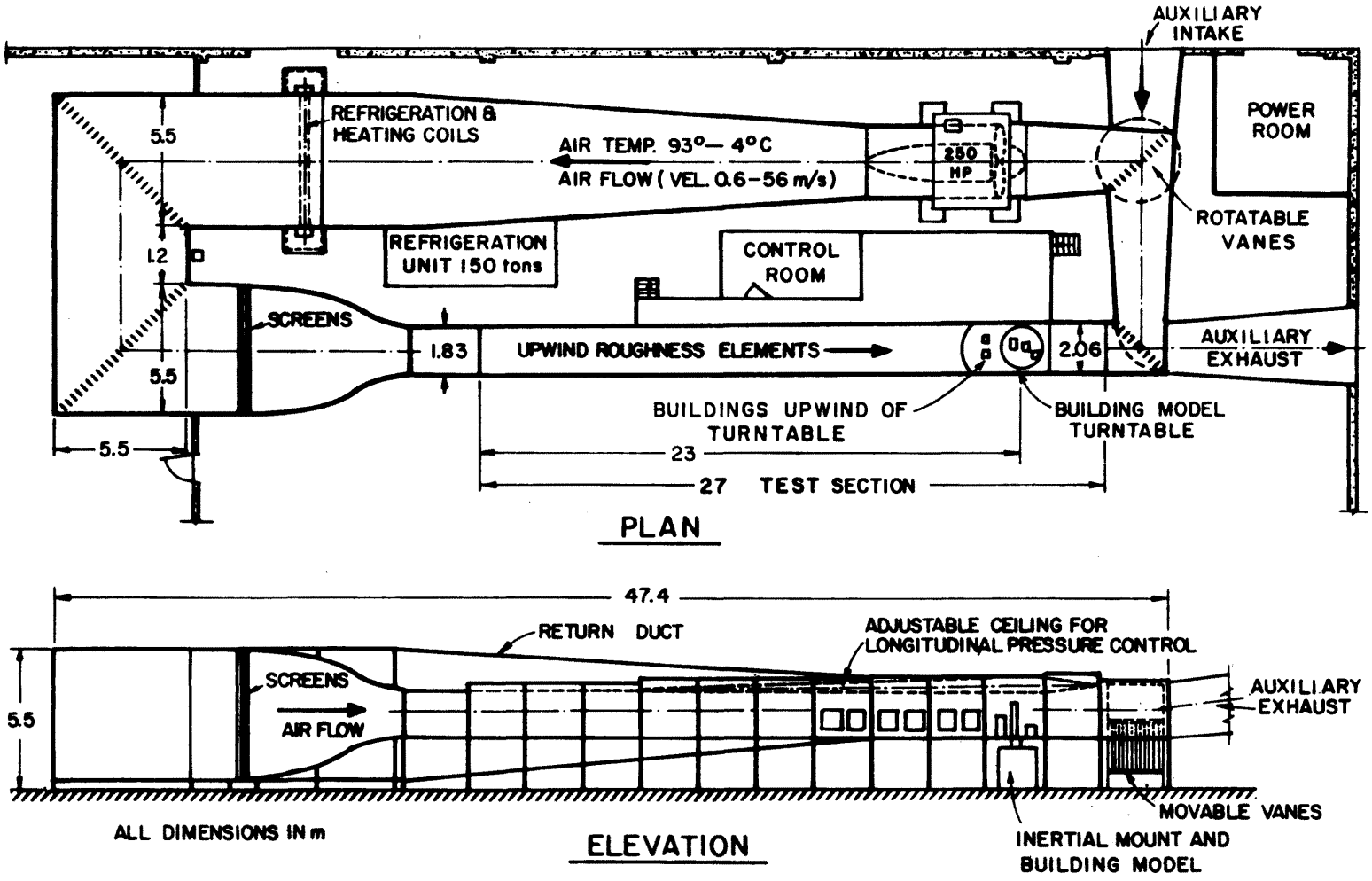


Figure 1. **FLUID DYNAMICS AND DIFFUSION LABORATORY COLORADO STATE UNIVERSITY**



METEOROLOGICAL WIND TUNNEL

Figure 2 - Wind-Tunnel Configuration

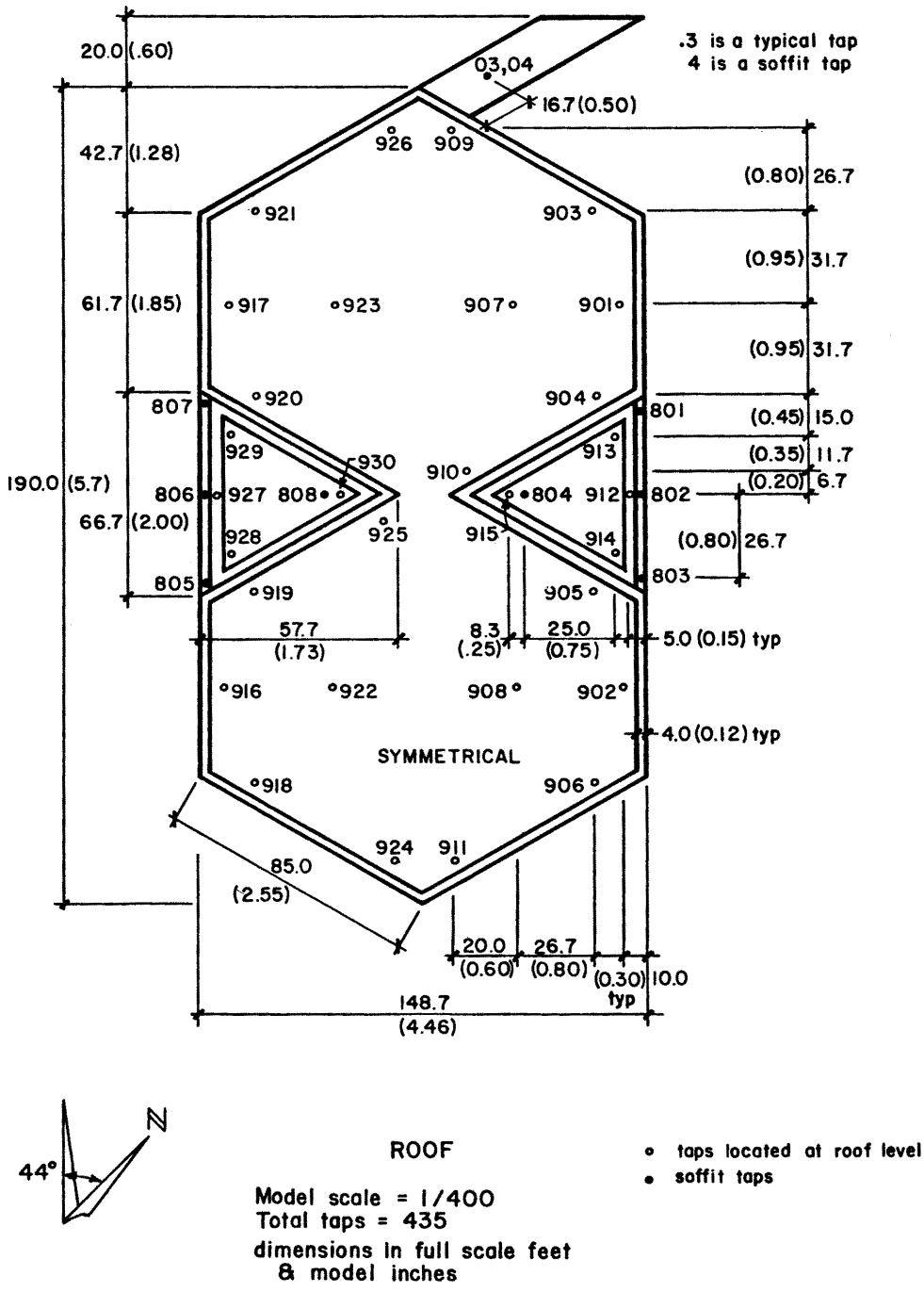


Figure 3a. Pressure Tap Locations

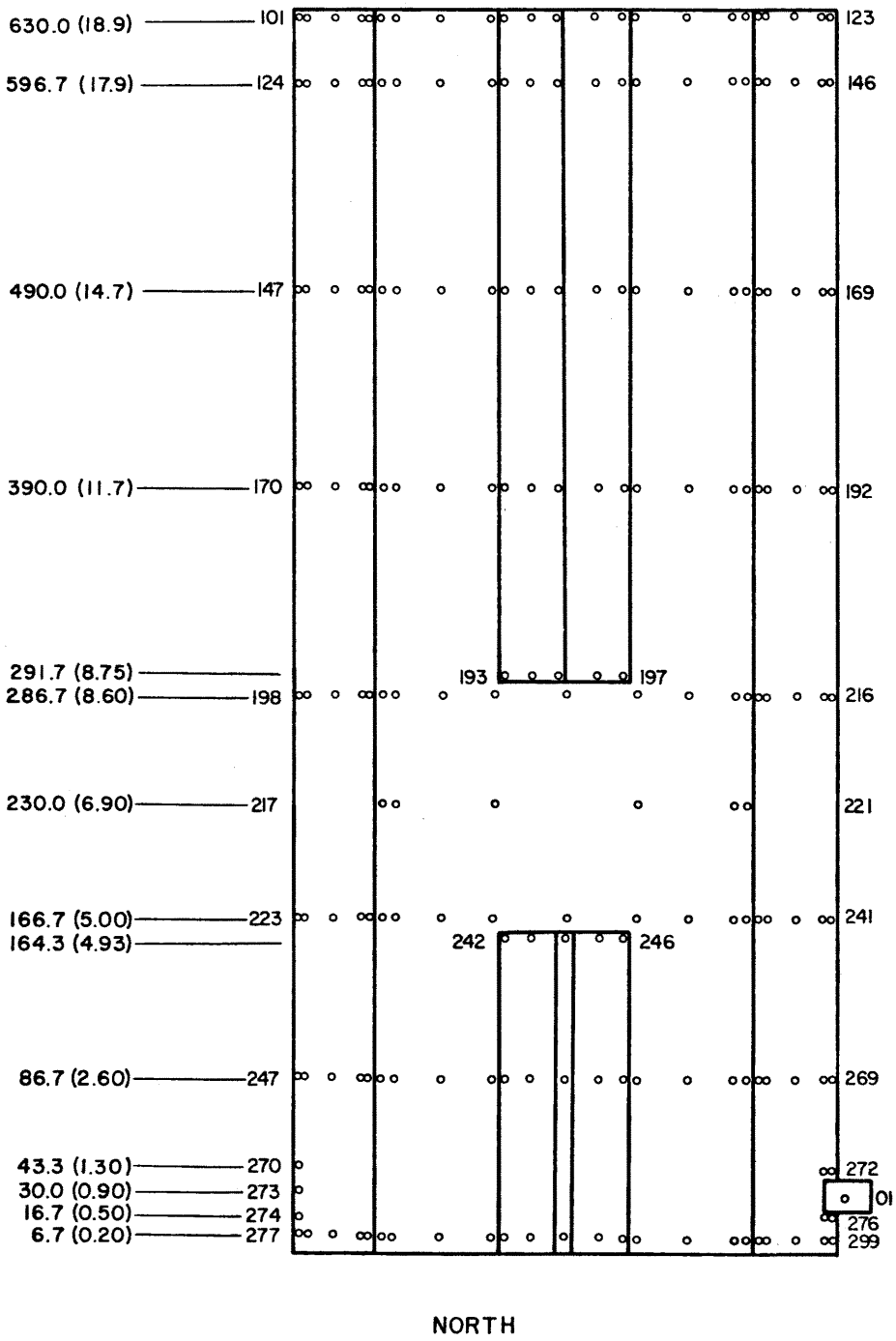


Figure 3b. Pressure Tap Locations

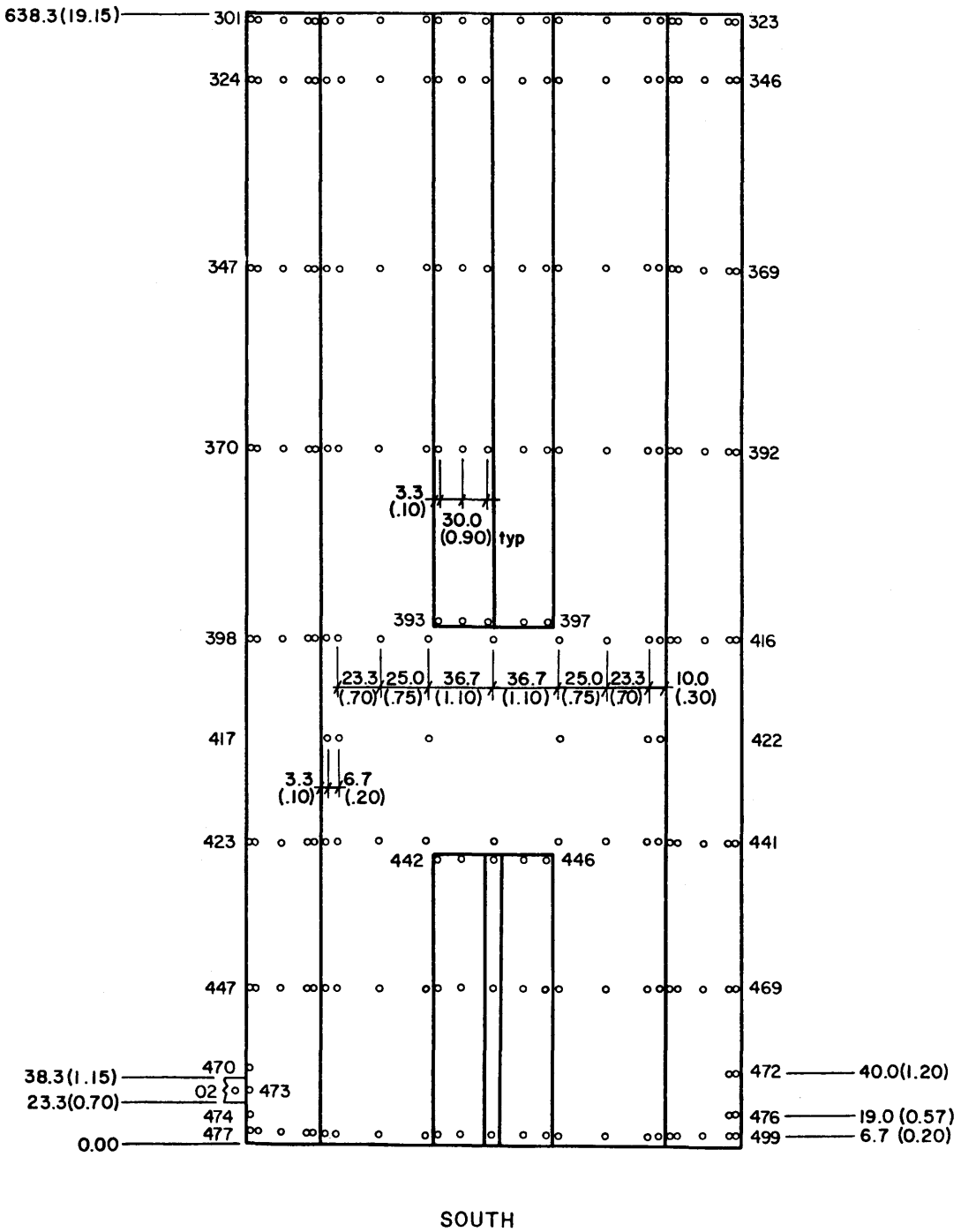


Figure 3c. Pressure Tap Locations

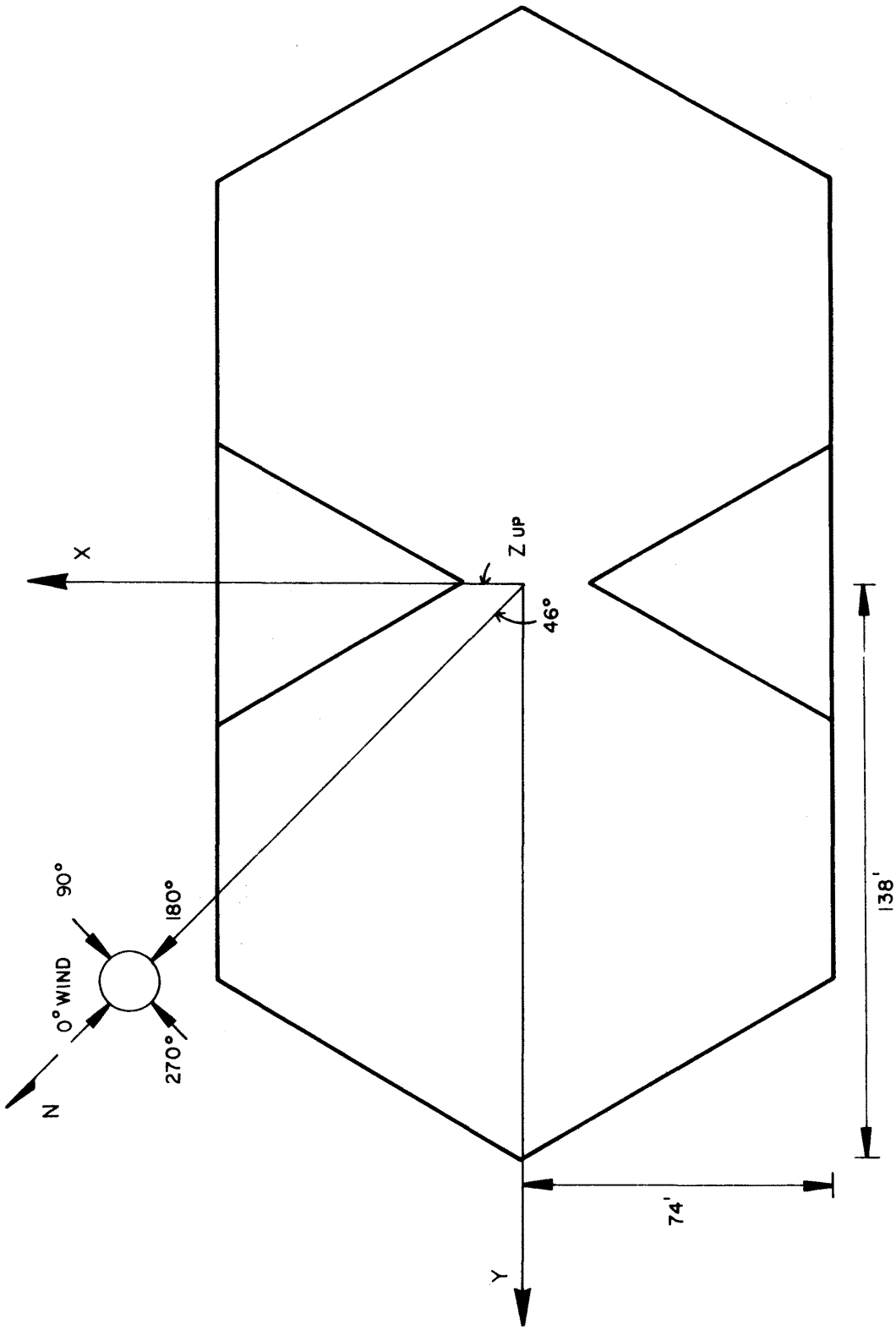


Figure 3d. Pressure Tap Locations

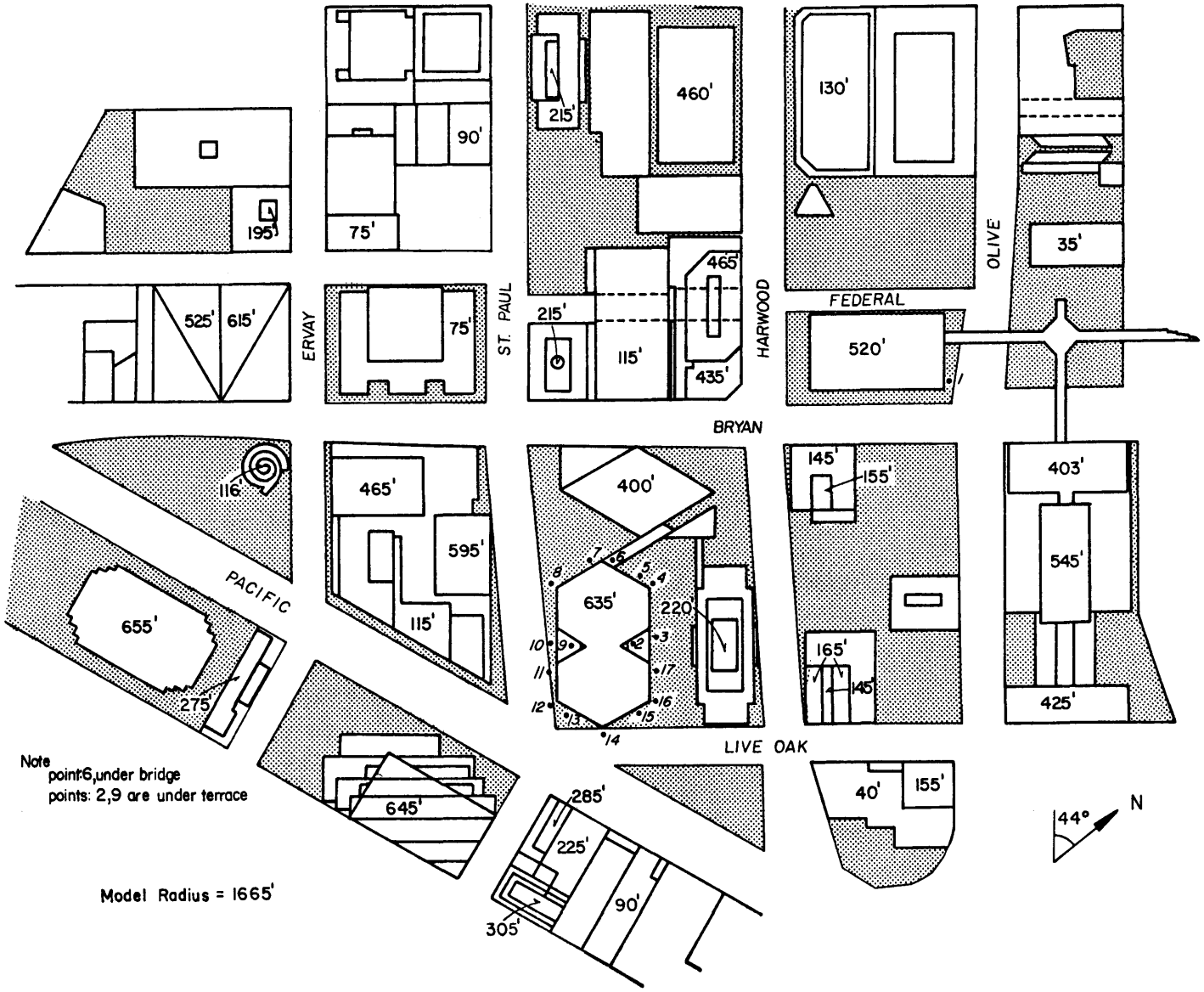


Figure 4. Building Location and Pedestrian Wind Velocity Measuring Positions

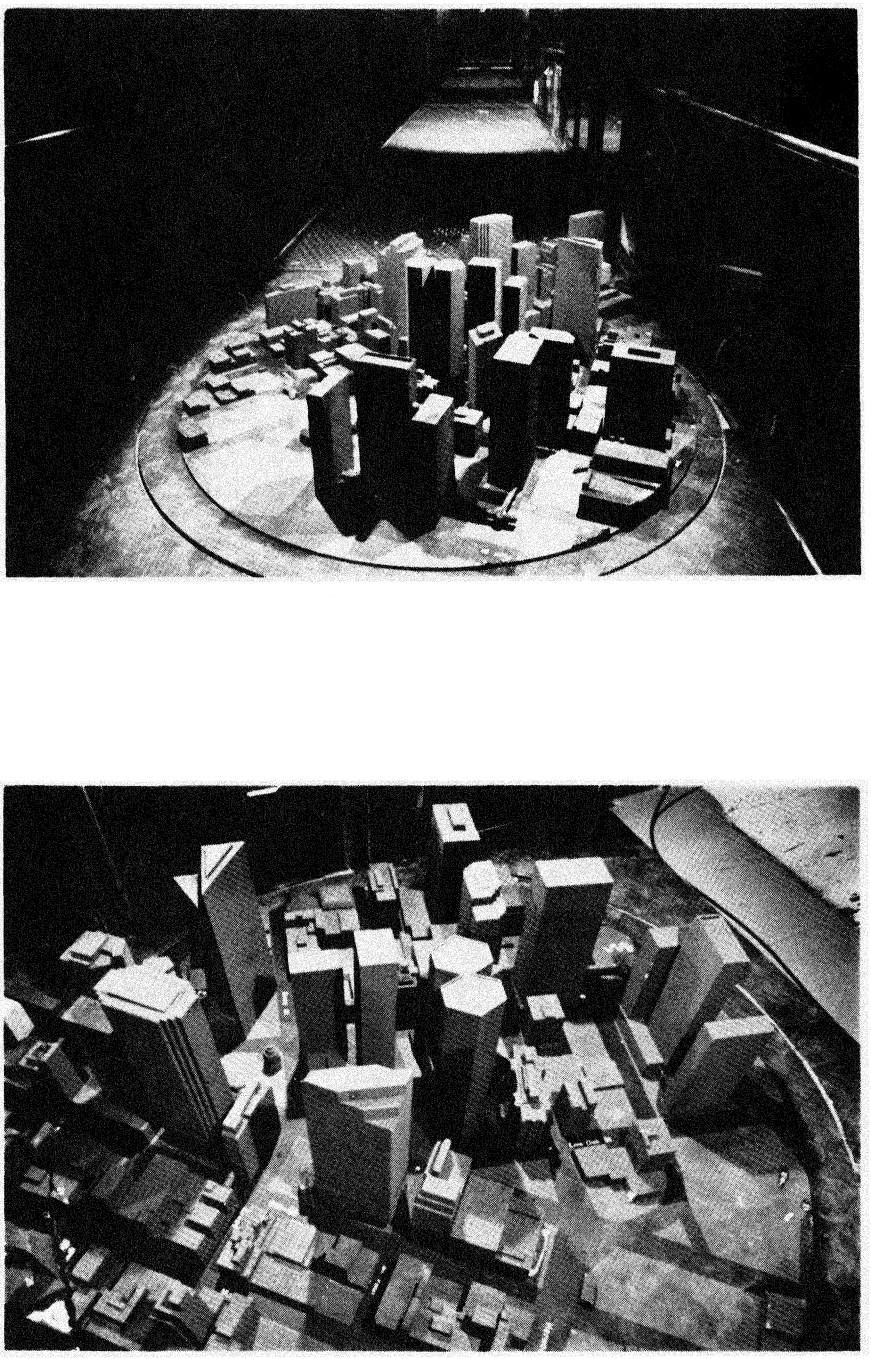


Figure 5. Completed Model in Wind Tunnel

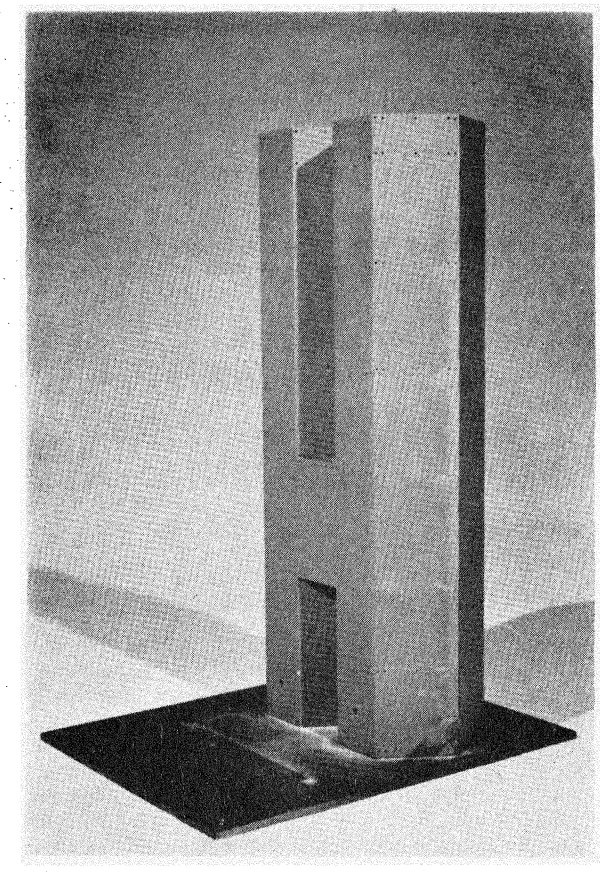


Figure 5. Completed Model in Wind Tunnel

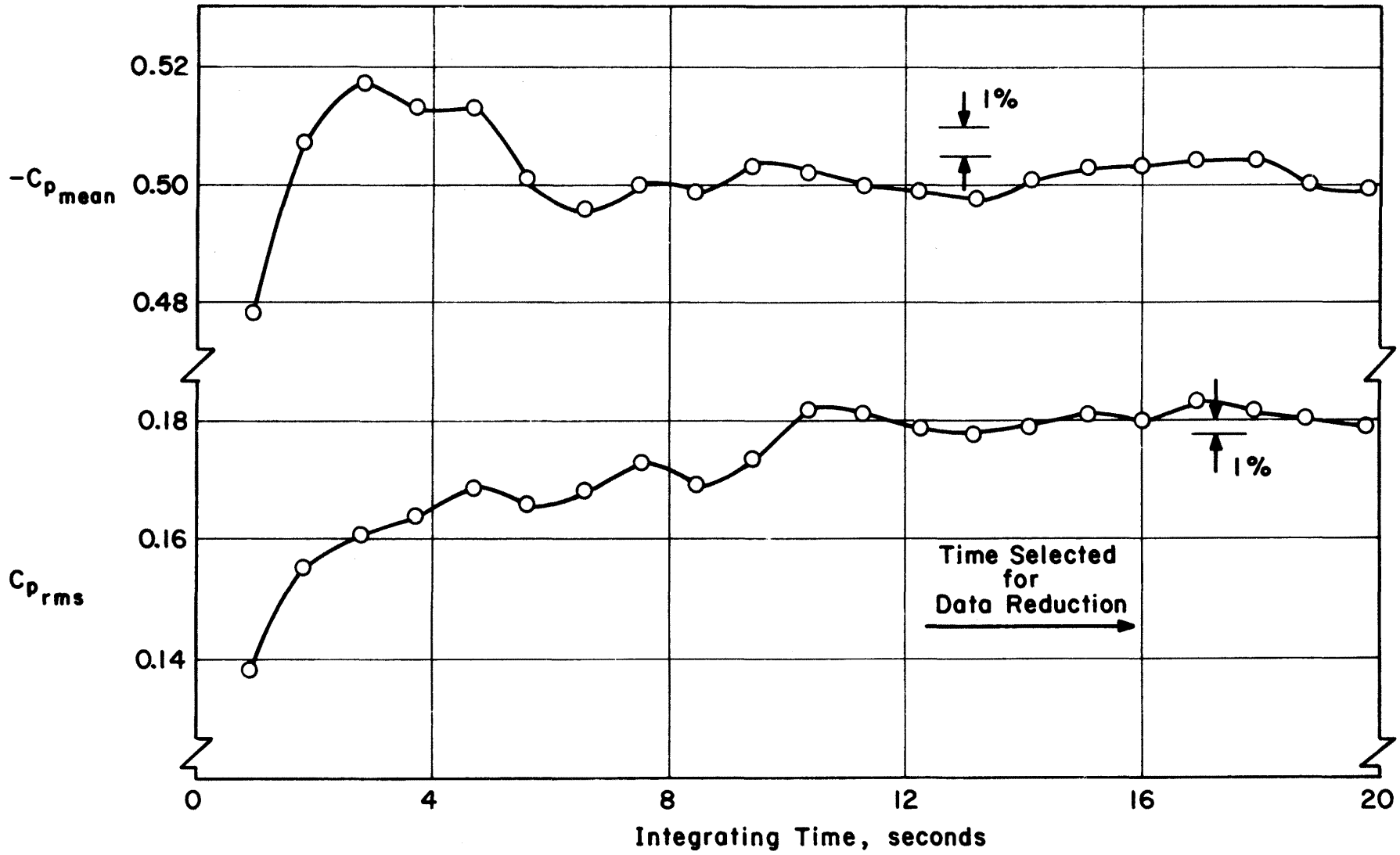


Figure 6- Data Sampling Time Verification

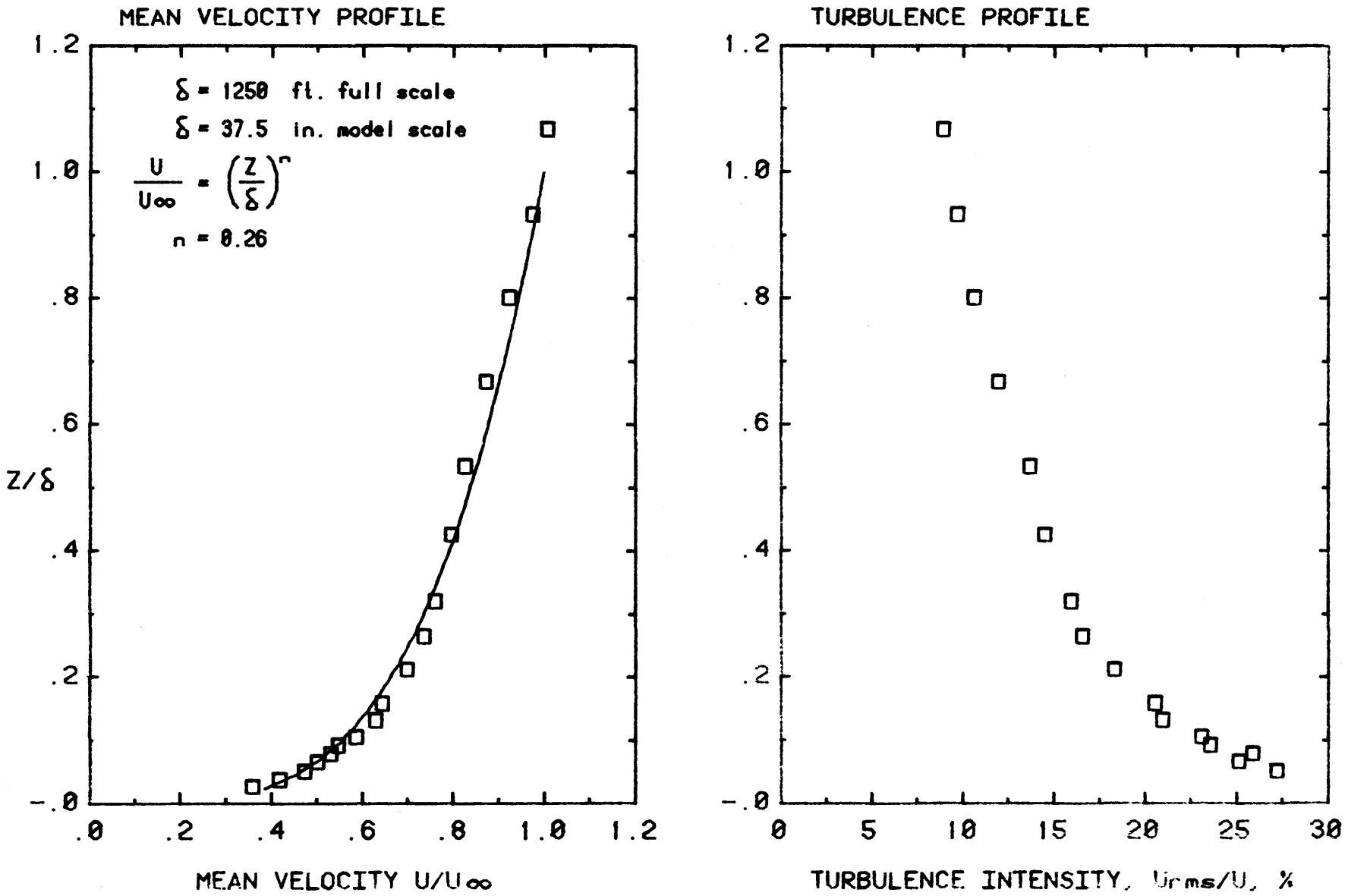


Figure 7. Mean Velocity and Turbulence Profiles Approaching the Model

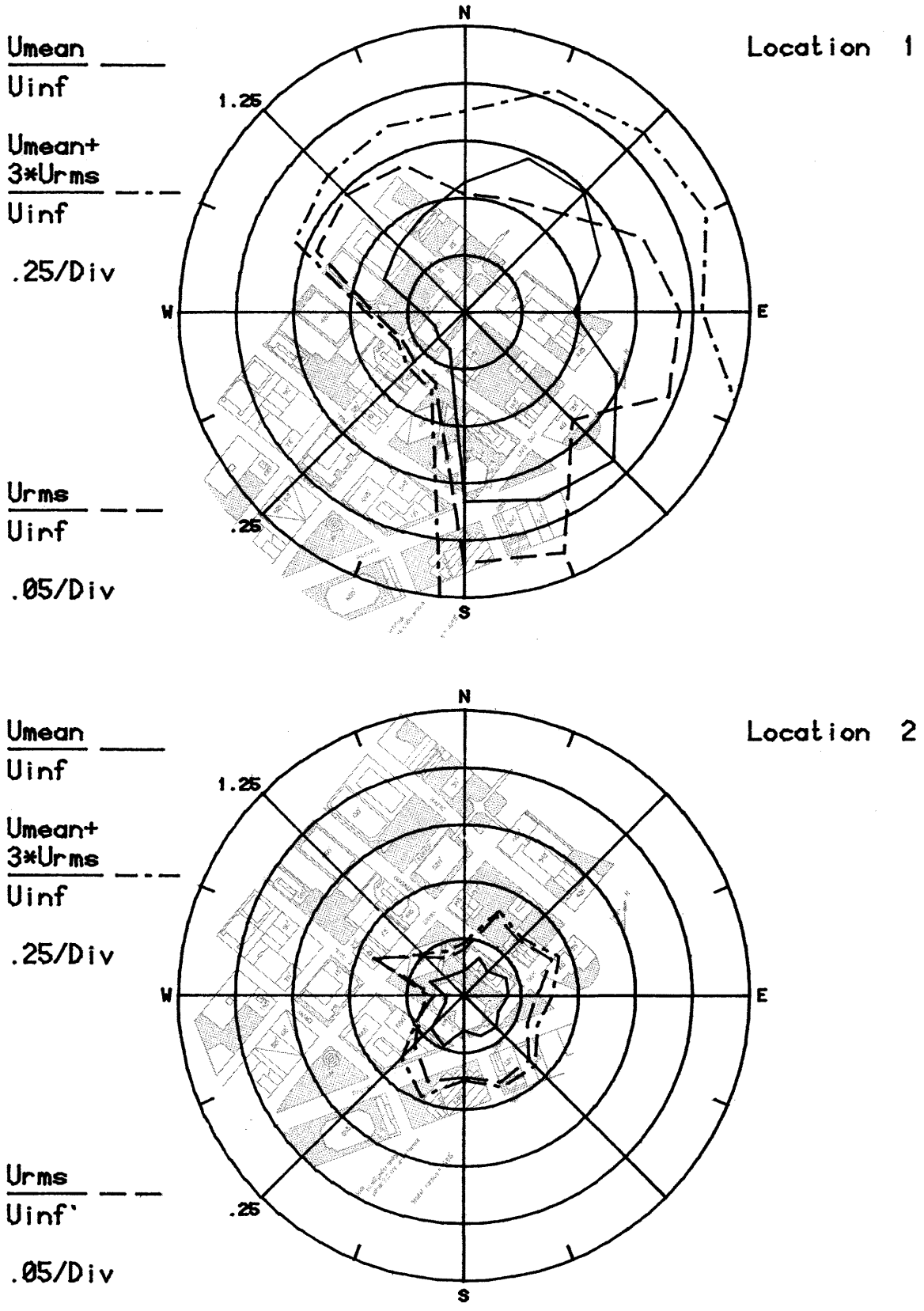


Figure 8a. Mean Velocities and Turbulence Intensities at Pedestrian Locations 1 and 2

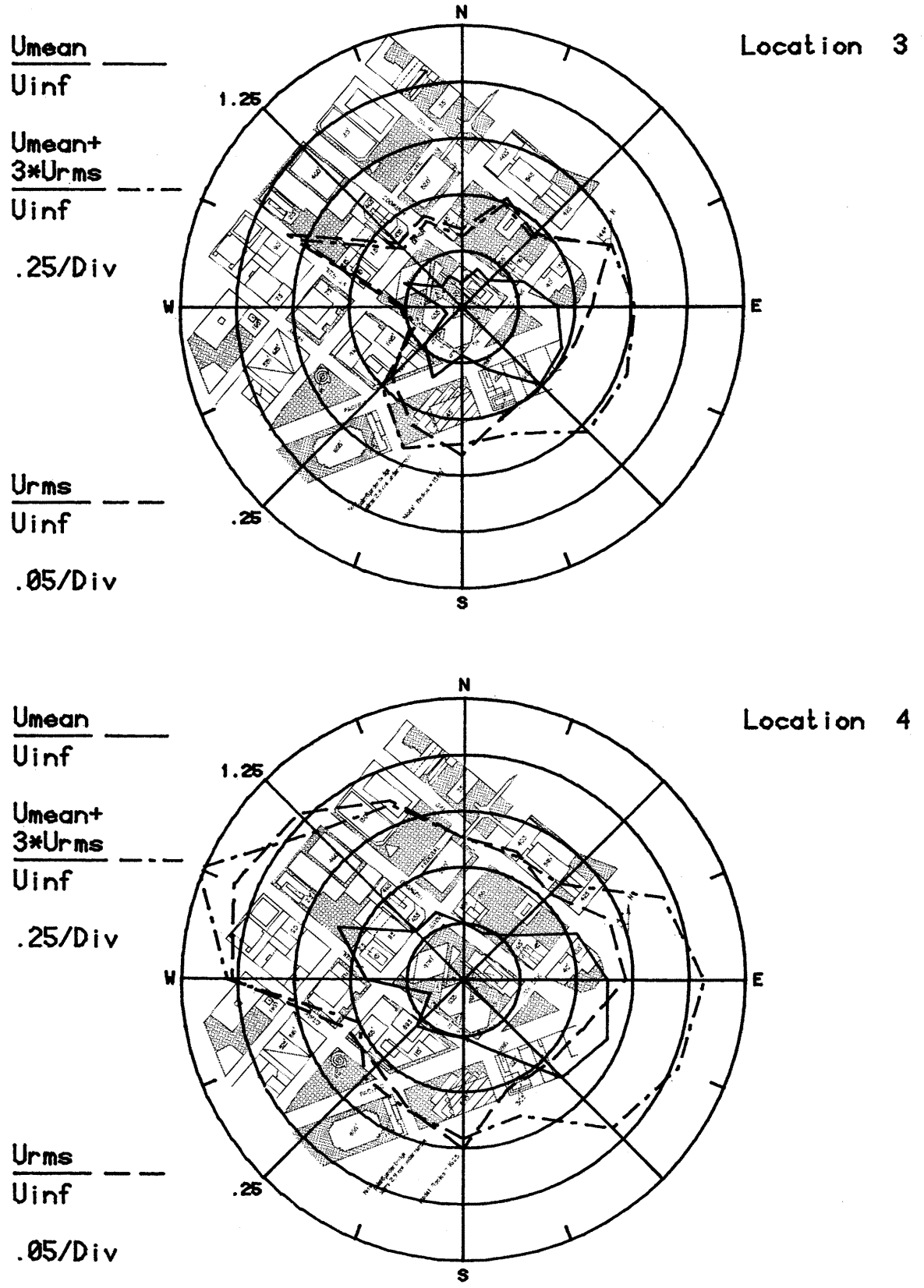


Figure 8b. Mean Velocities and Turbulence Intensities at Pedestrian Locations 3 and 4

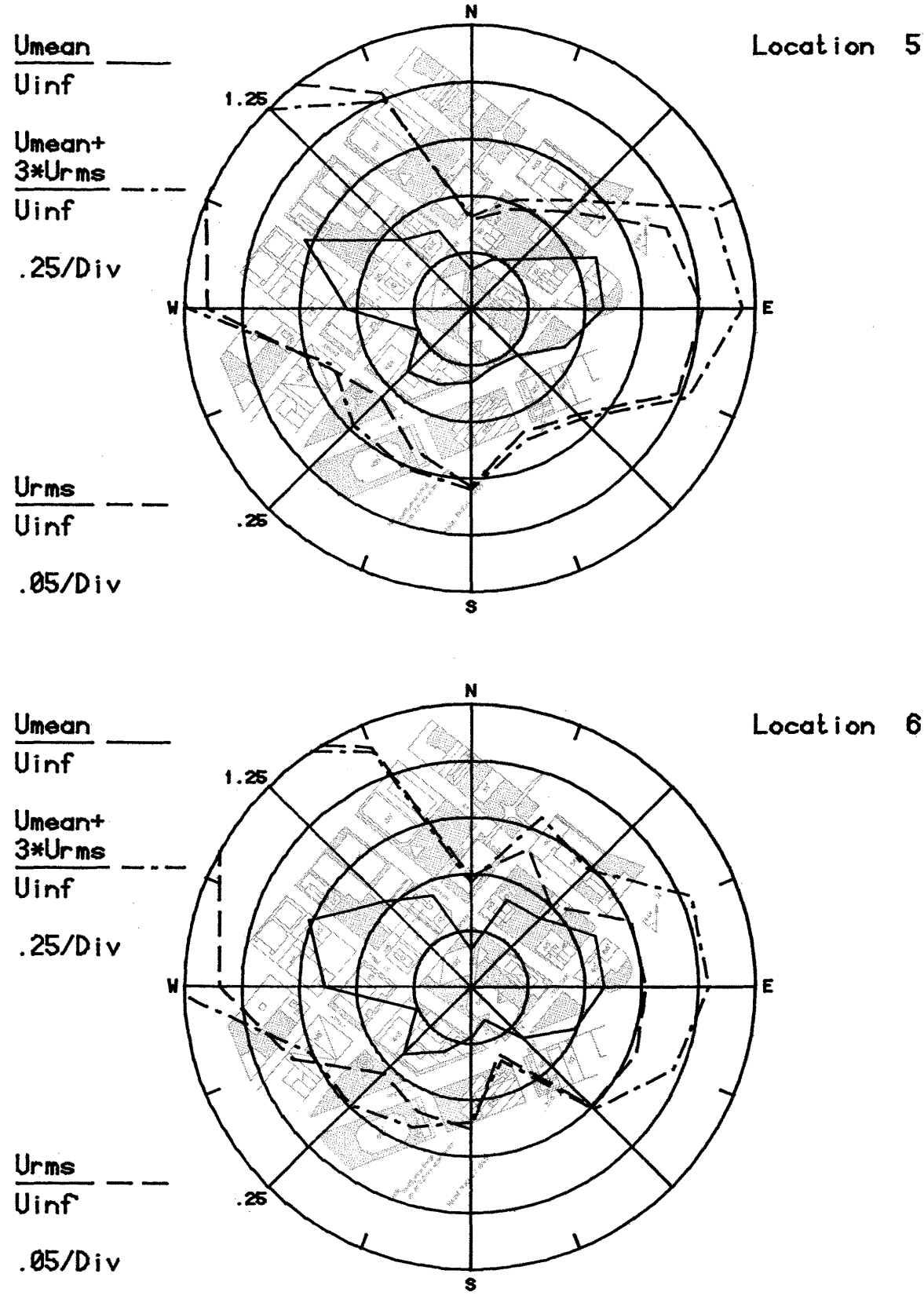
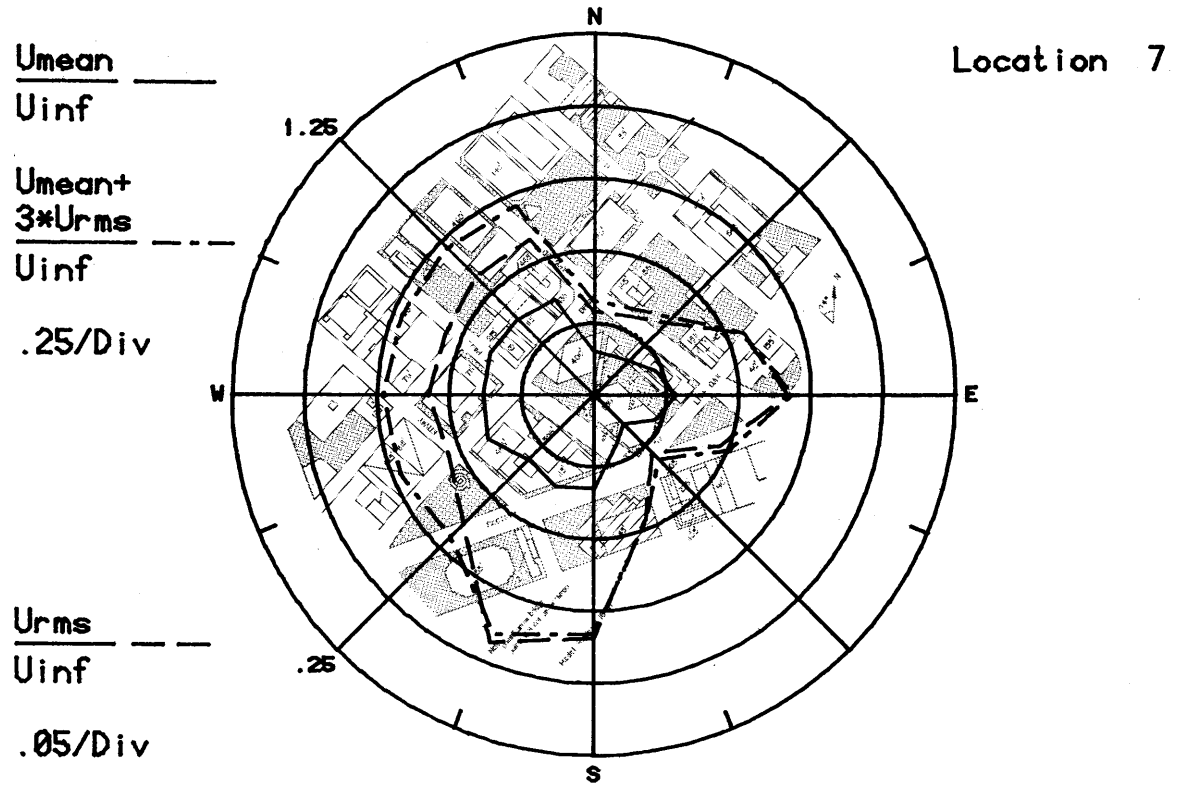


Figure 8c. Mean Velocities and Turbulence Intensities at Pedestrian Locations 5 and 6



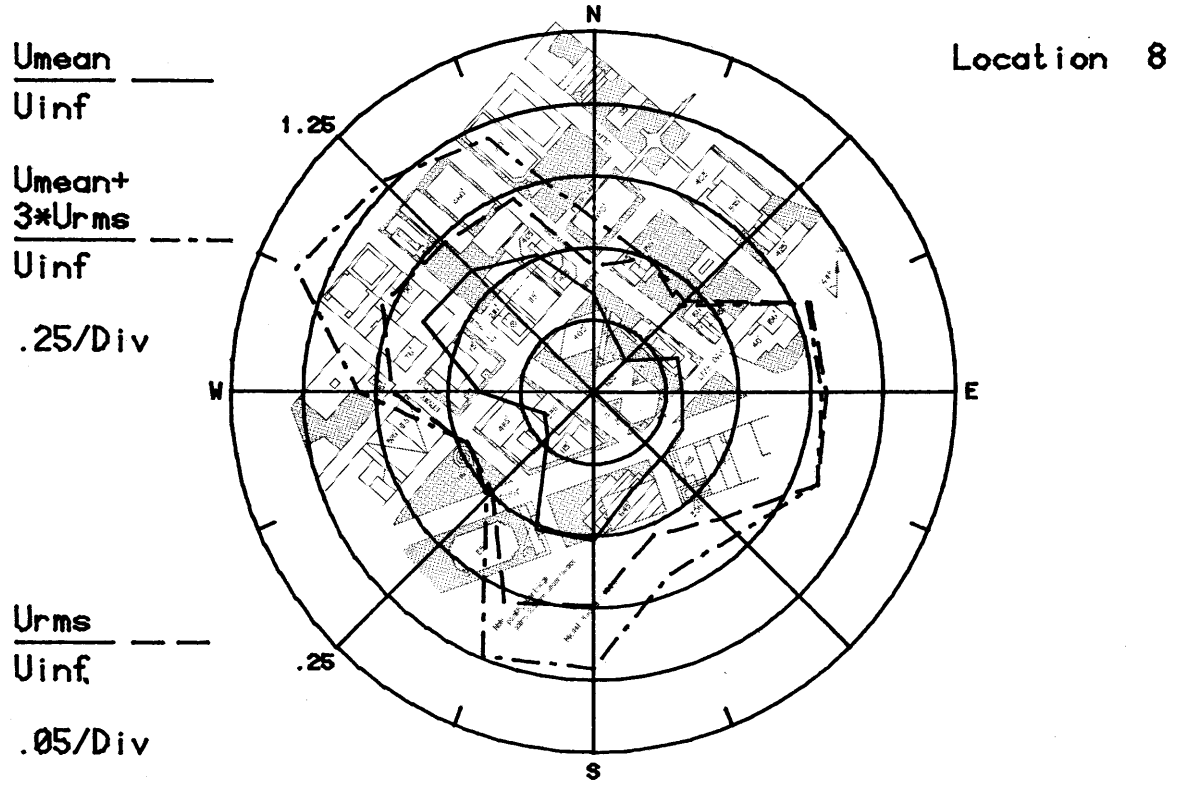


Figure 8d. Mean Velocities and Turbulence Intensities at Pedestrian Locations 7 and 8

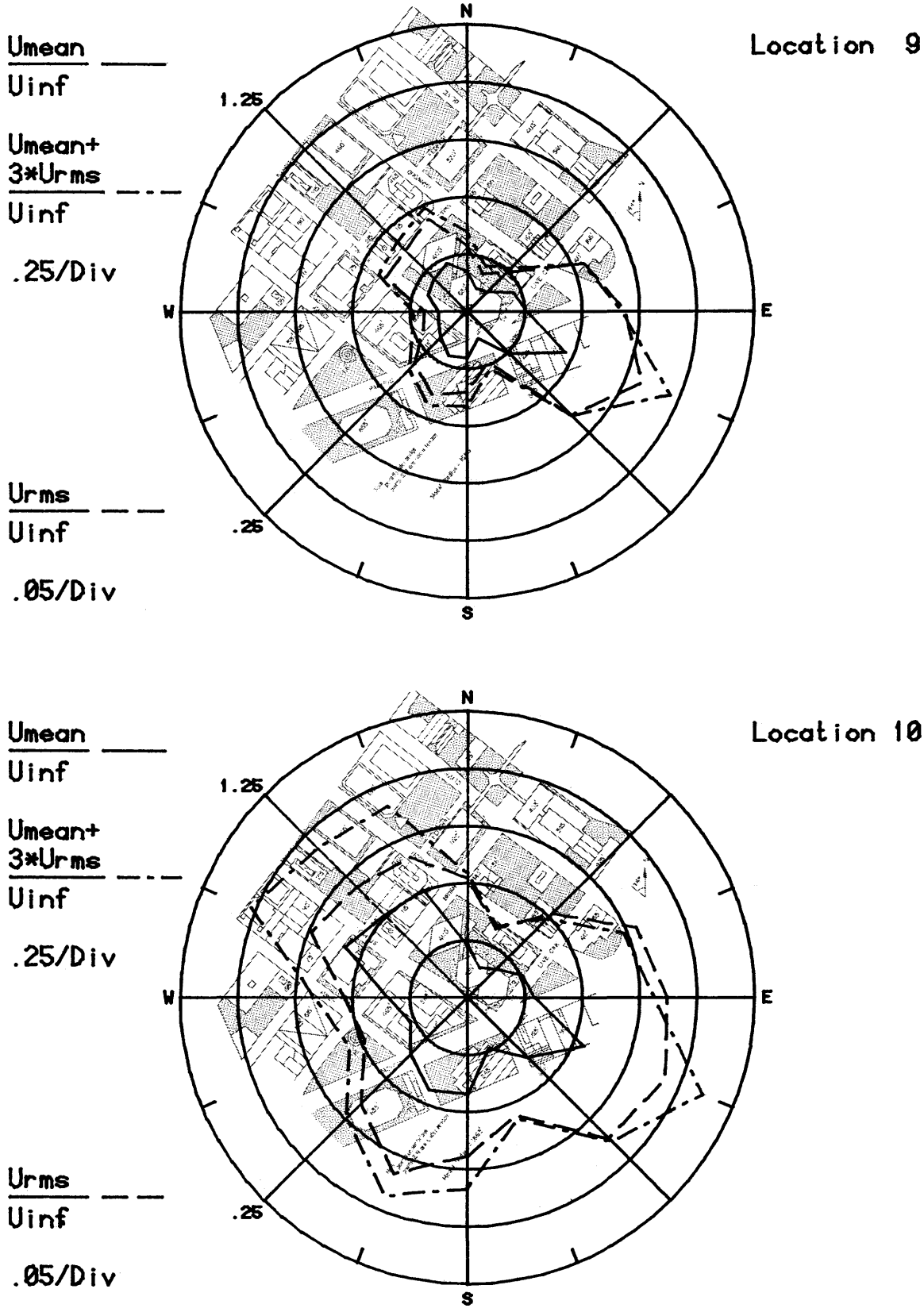


Figure 8e. Mean Velocities and Turbulence Intensities at Pedestrian Locations 9 and 10

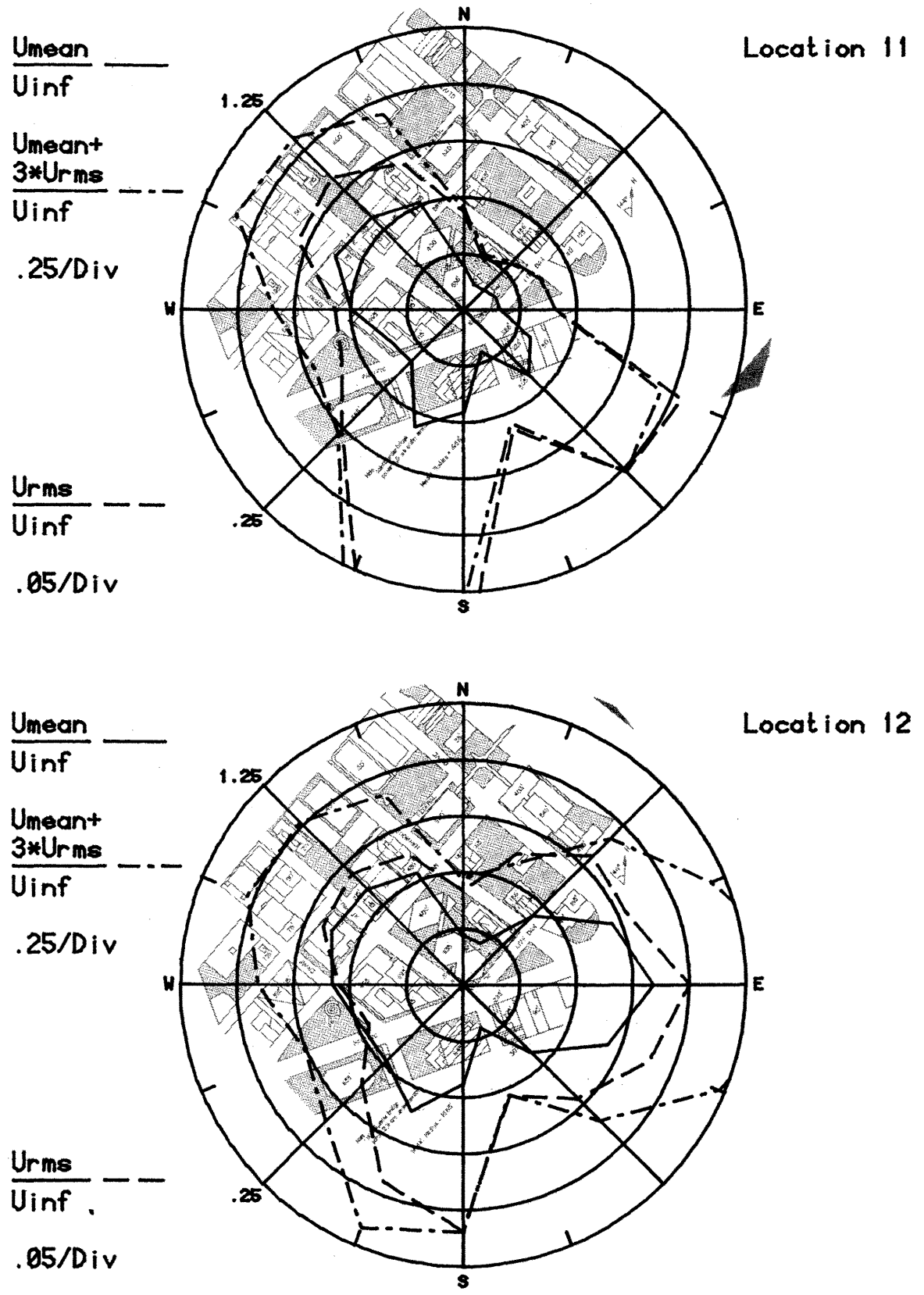


Figure 8f. Mean Velocities and Turbulence Intensities at Pedestrian Locations 11 and 12

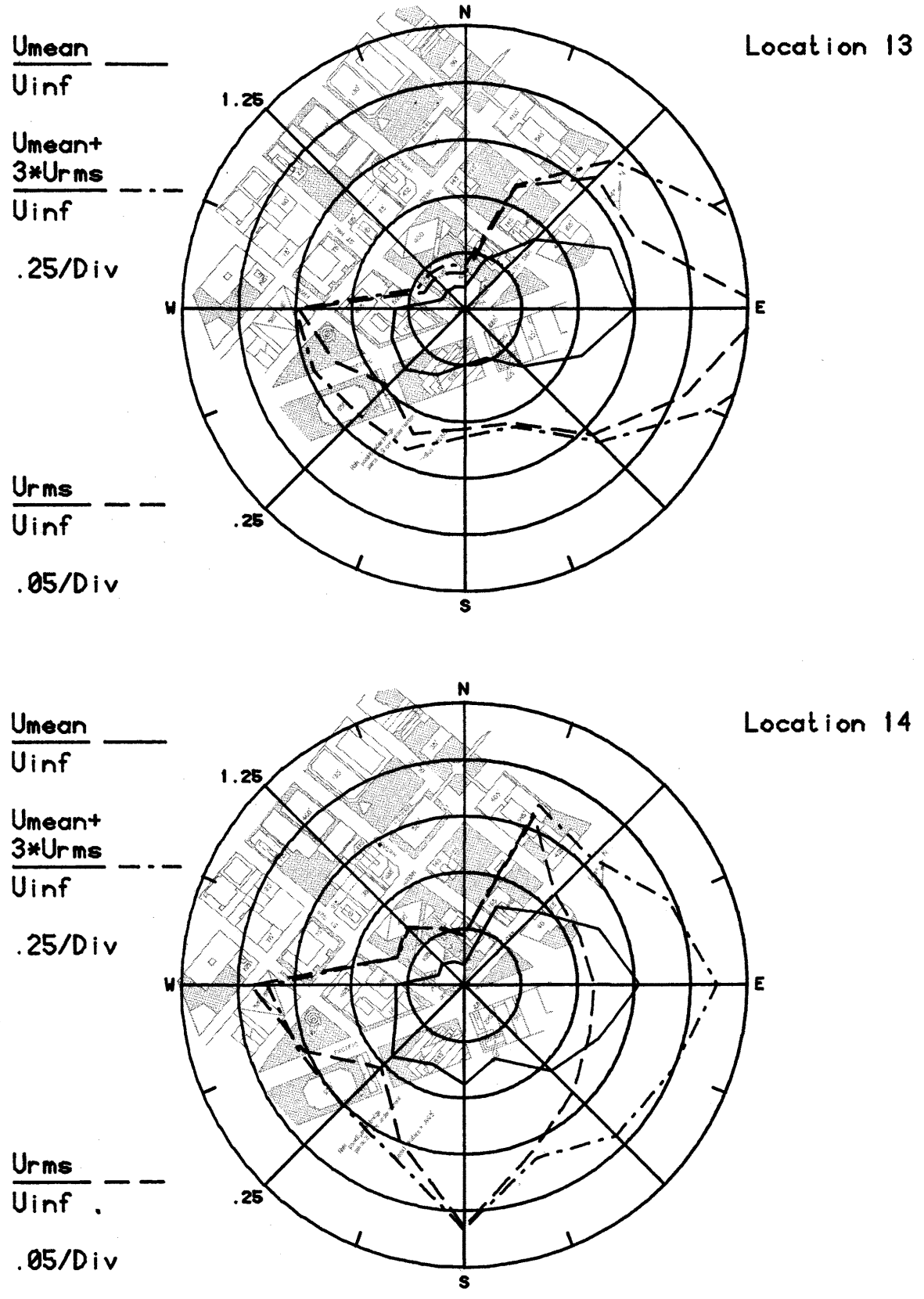


Figure 8g. Mean Velocities and Turbulence Intensities at Pedestrian Locations 13 and 14

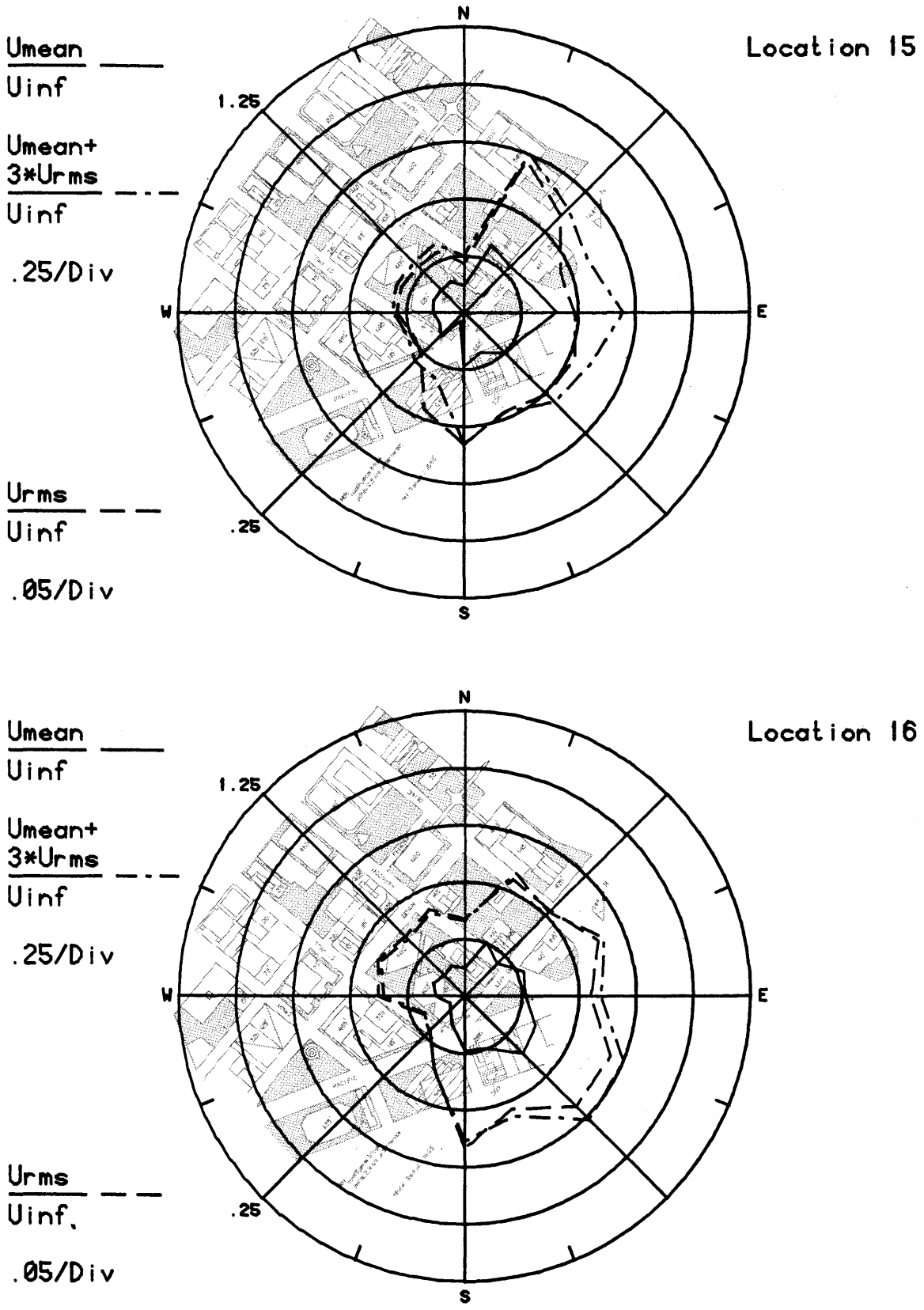


Figure 8h. Mean Velocities and Turbulence Intensities at Pedestrian Locations 15 and 16

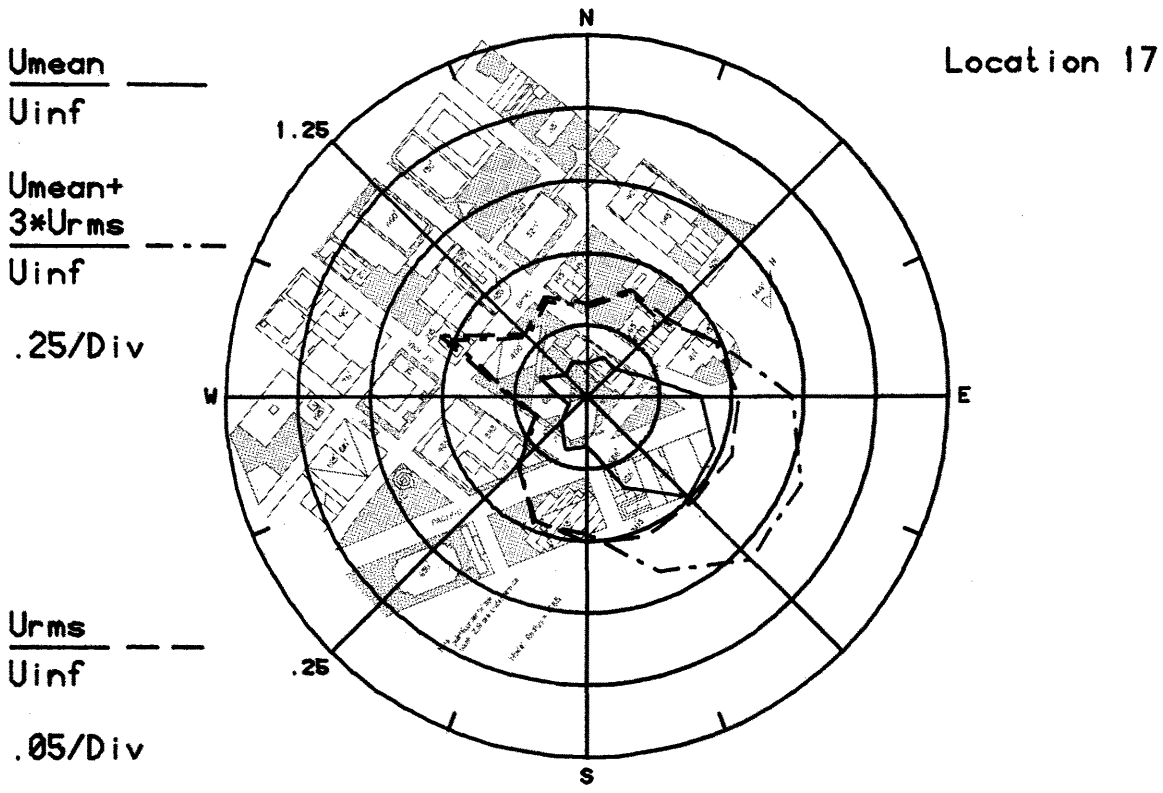


Figure 8i. Mean Velocities and Turbulence Intensities at Pedestrian Location 17

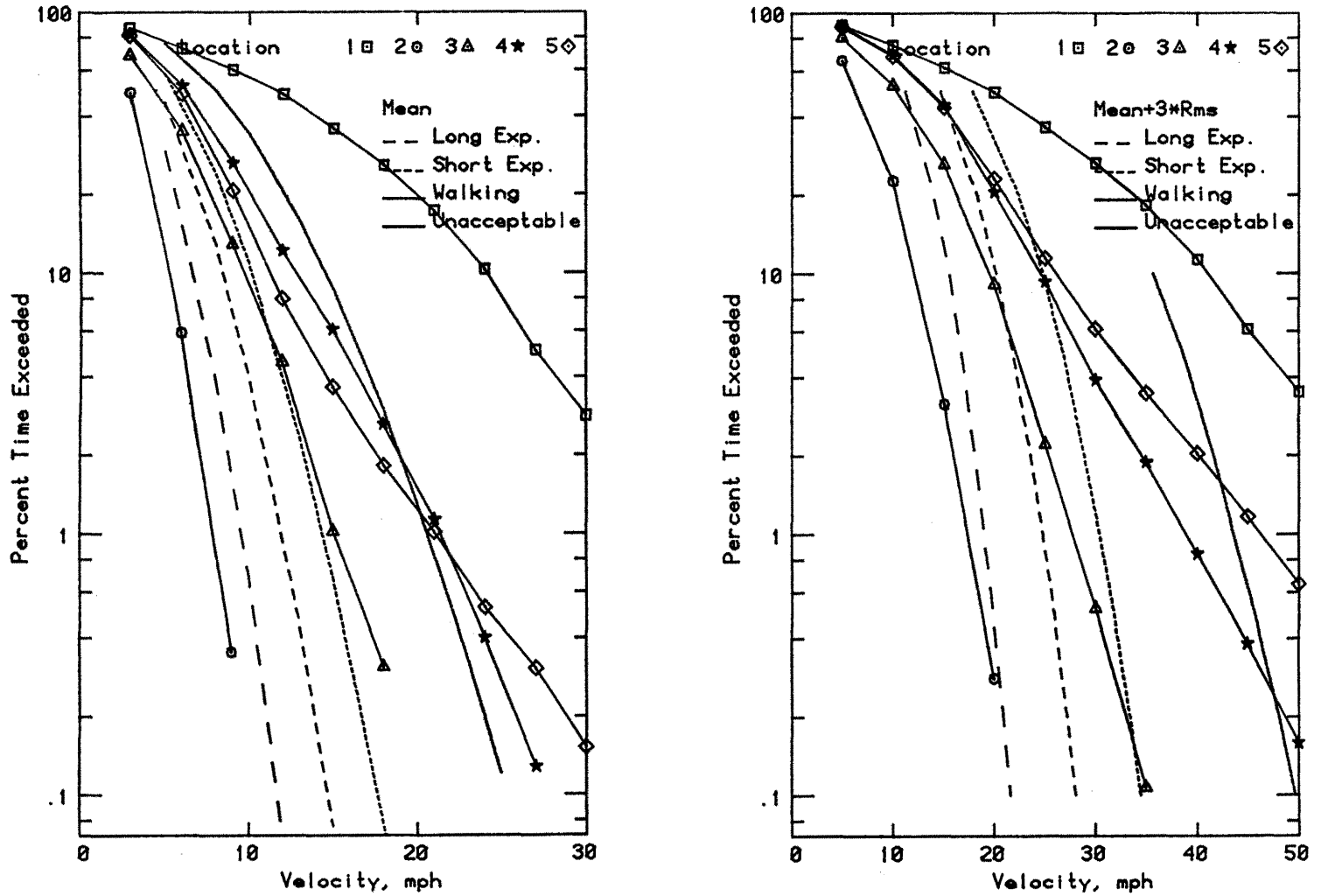


Figure 9a. Wind Velocity Probabilities for Pedestrian Locations

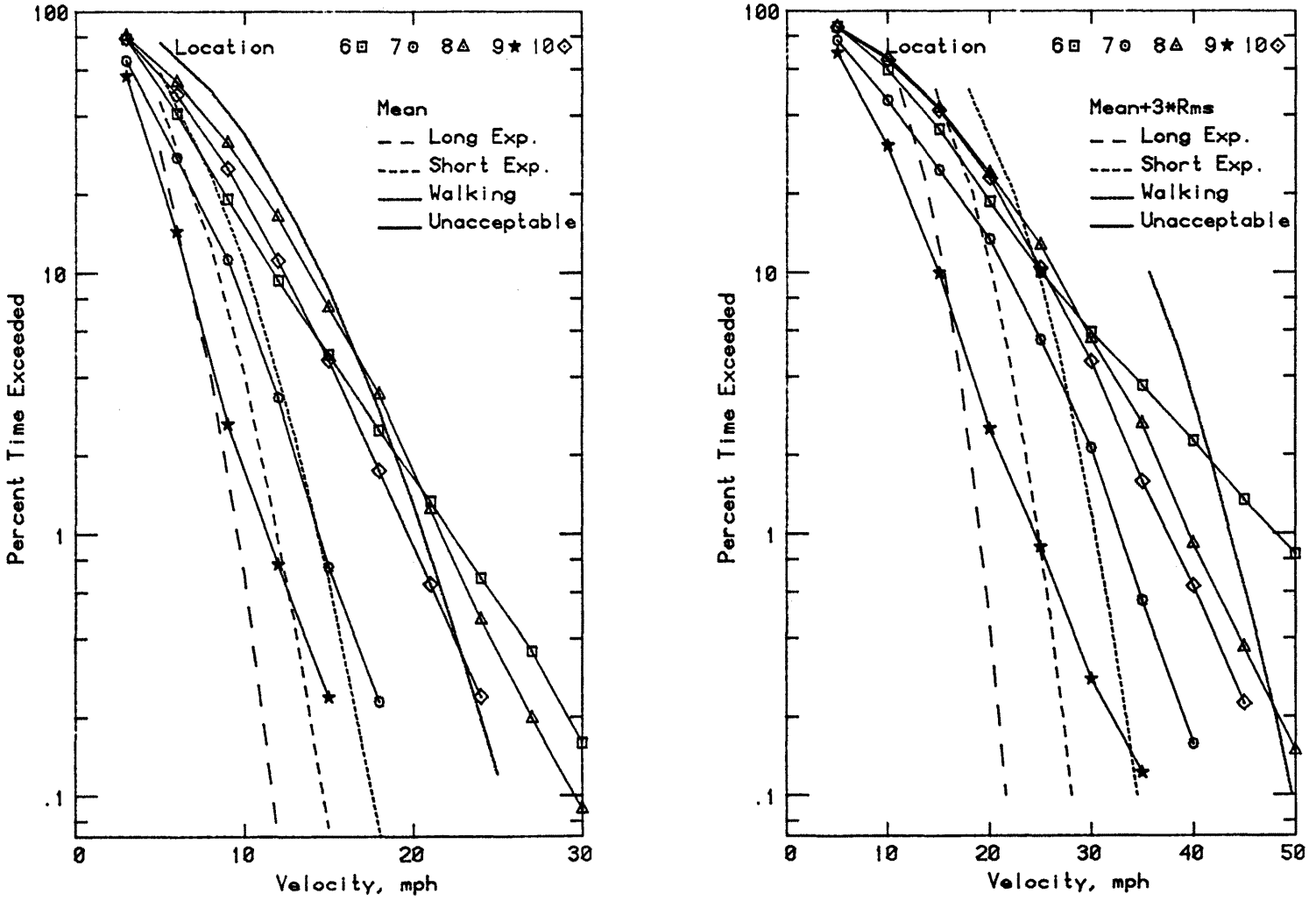


Figure 9b. Wind Velocity Probabilities for Pedestrian Locations

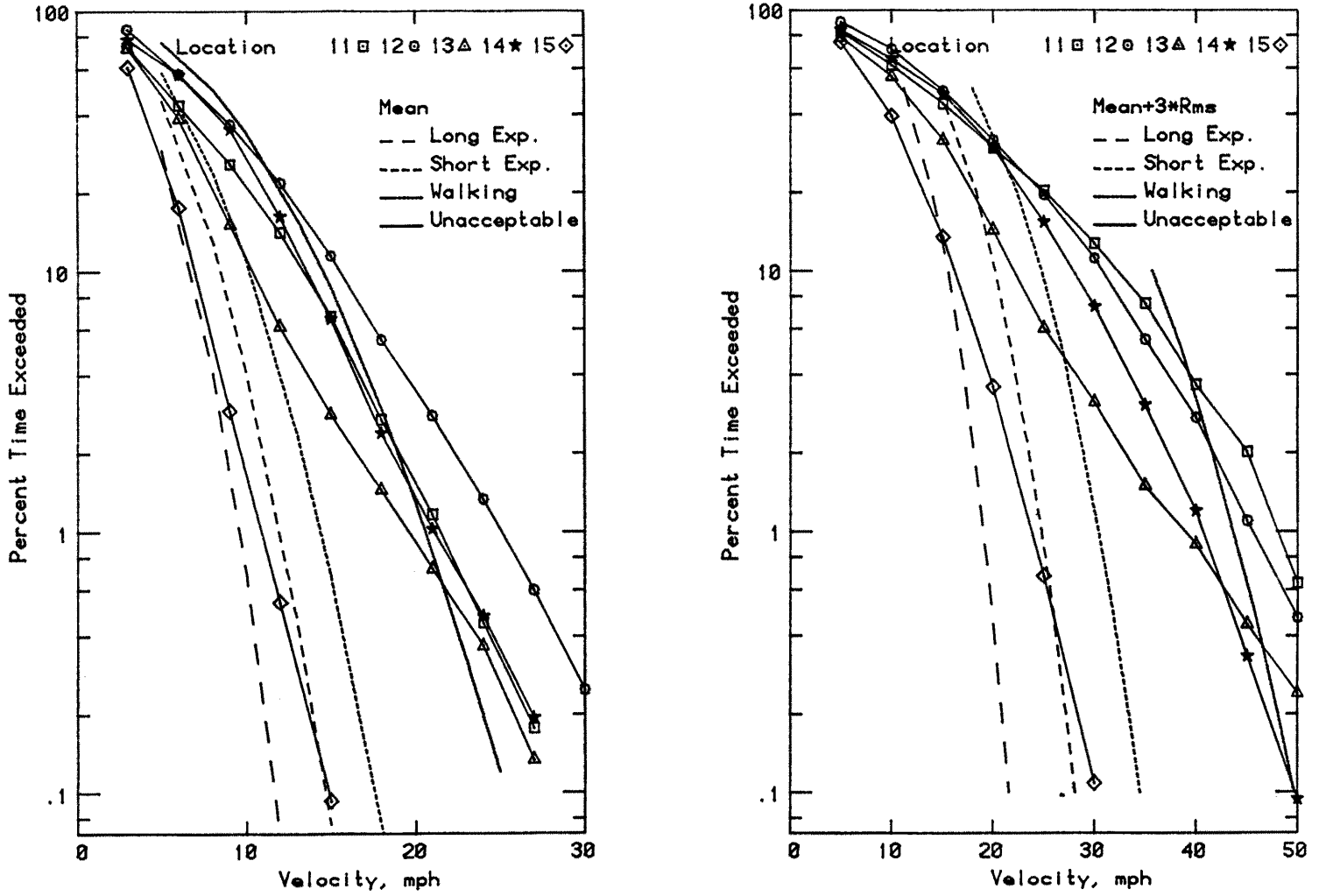


Figure 9c. Wind Velocity Probabilities for Pedestrian Locations

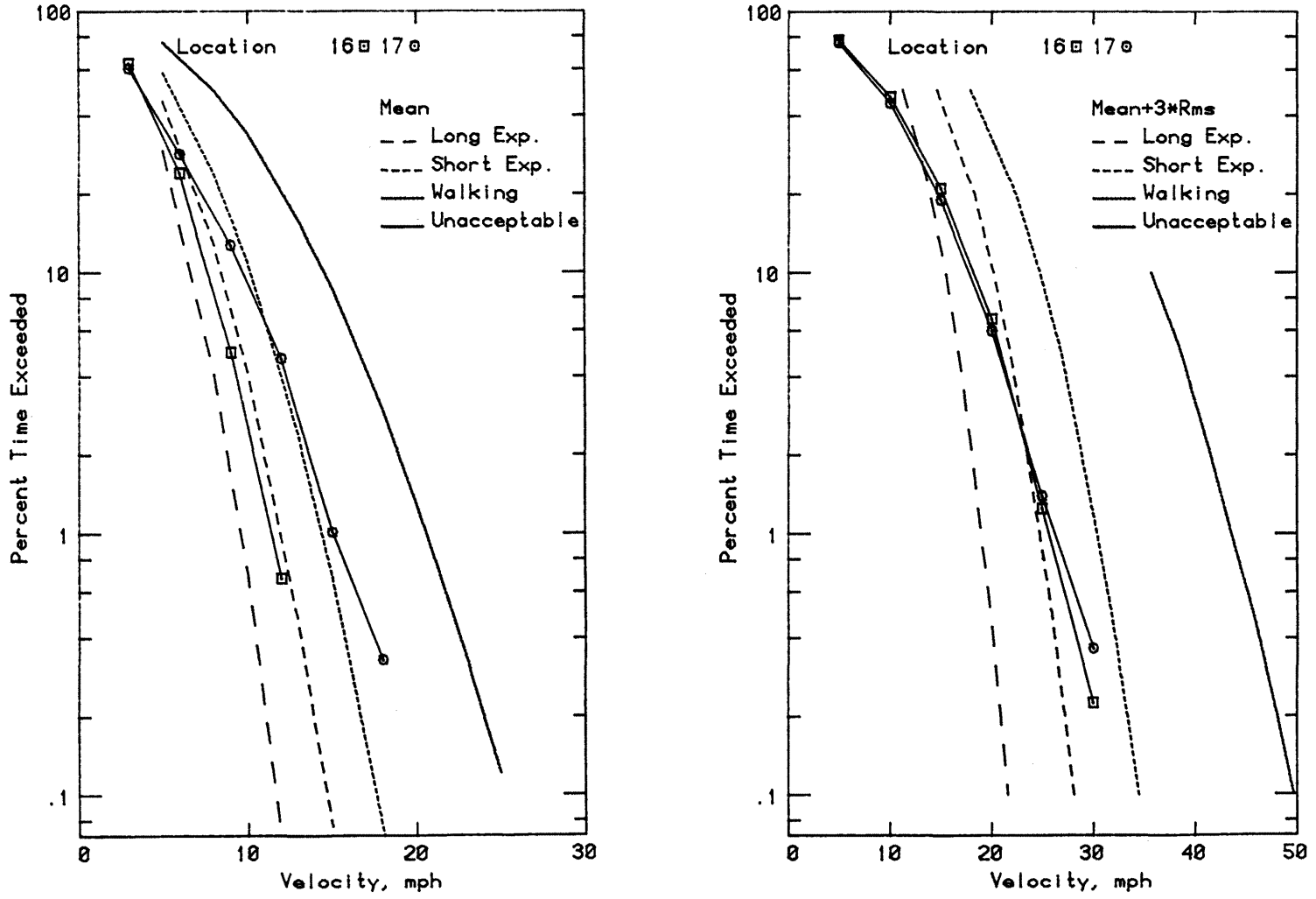


Figure 9d. Wind Velocity Probabilities for Pedestrian Locations

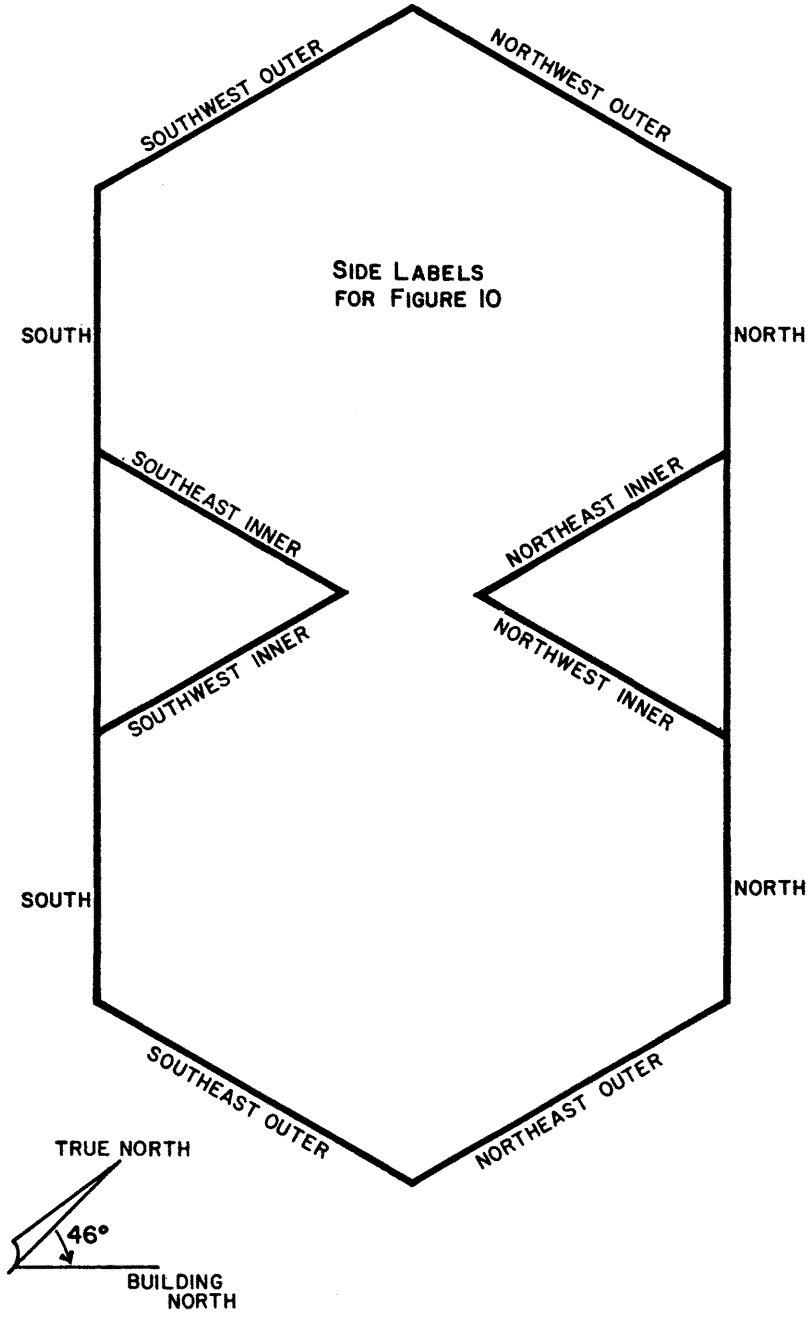
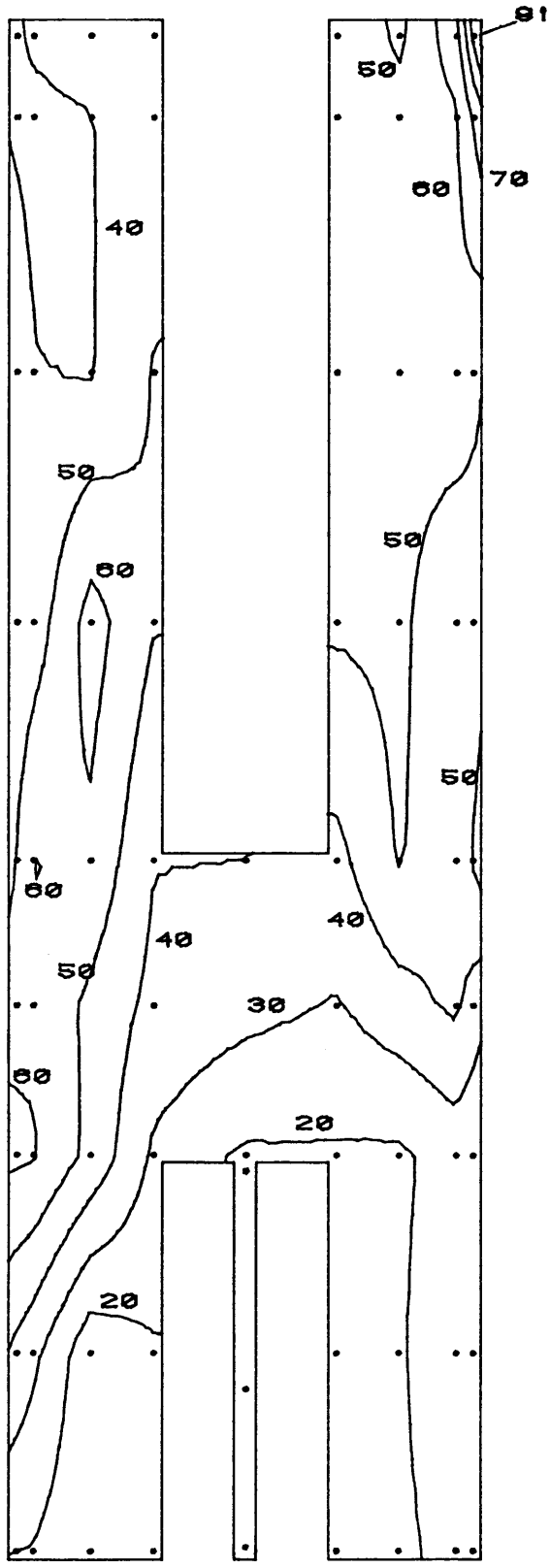
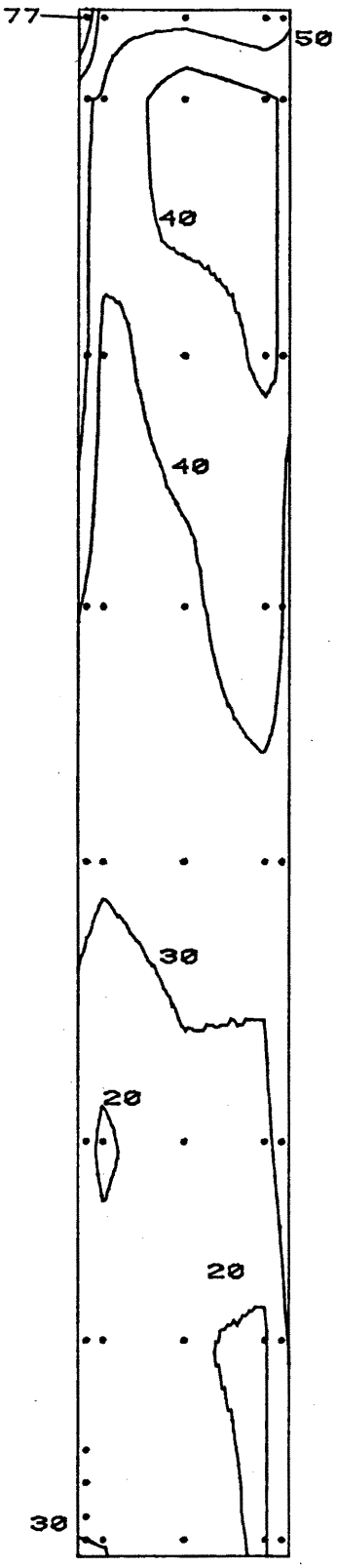


Figure 10a. Peak Pressure Contours on the Building for Cladding Loads



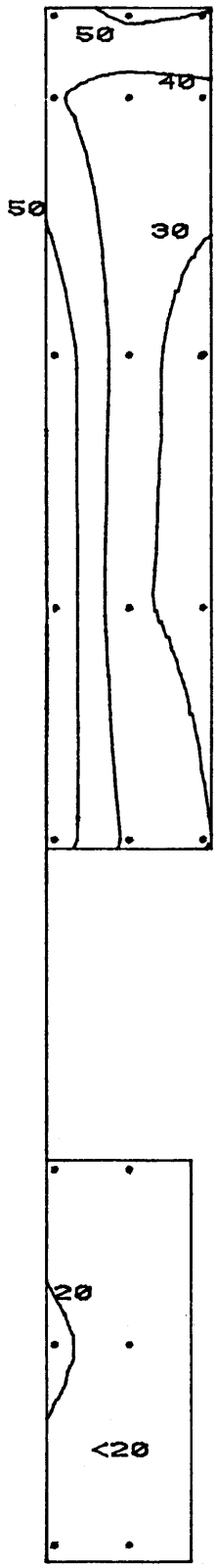
NORTH ELEVATION
PEAK NEGATIVE CLADDING LOADS (PSF)
FOR 50-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 27 PSF

Figure 10b. Peak Pressure Contours on the Building for Cladding Loads



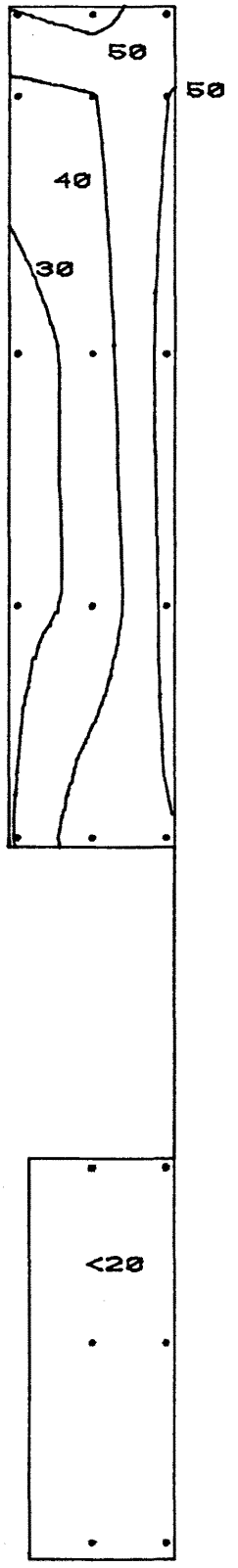
NORTHEAST OUTER ELEVATION
PEAK NEGATIVE CLADDING LOADS (PSF)
FOR 50-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 27 PSF

Figure 10c. Peak Pressure Contours on the Building for Cladding Loads



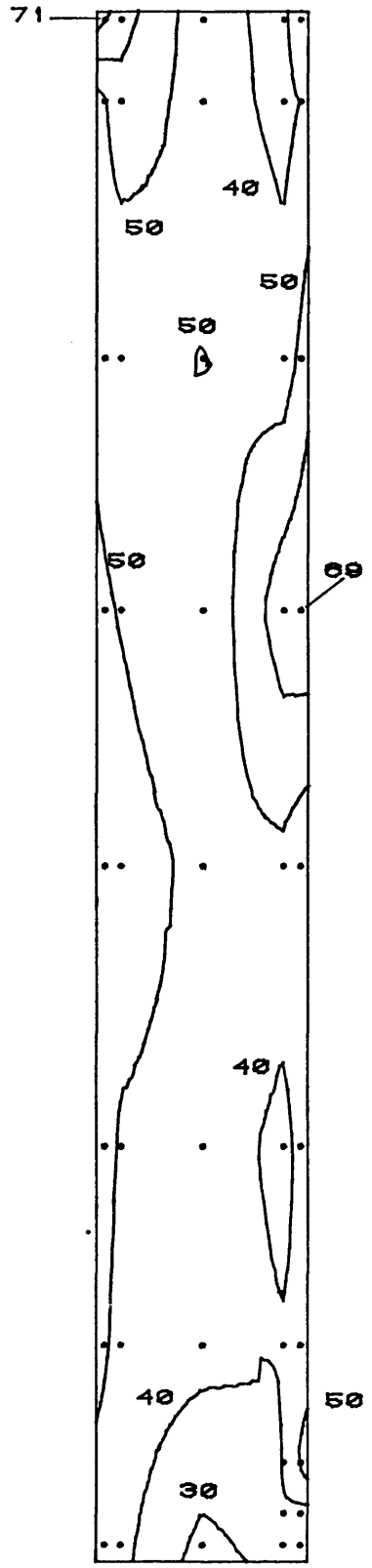
NORTHWEST INNER ELEVATION
PEAK NEGATIVE CLADDING LOADS (PSF)
FOR 50-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 27 PSF

Figure 10d. Peak Pressure Contours on the Building for Cladding Loads



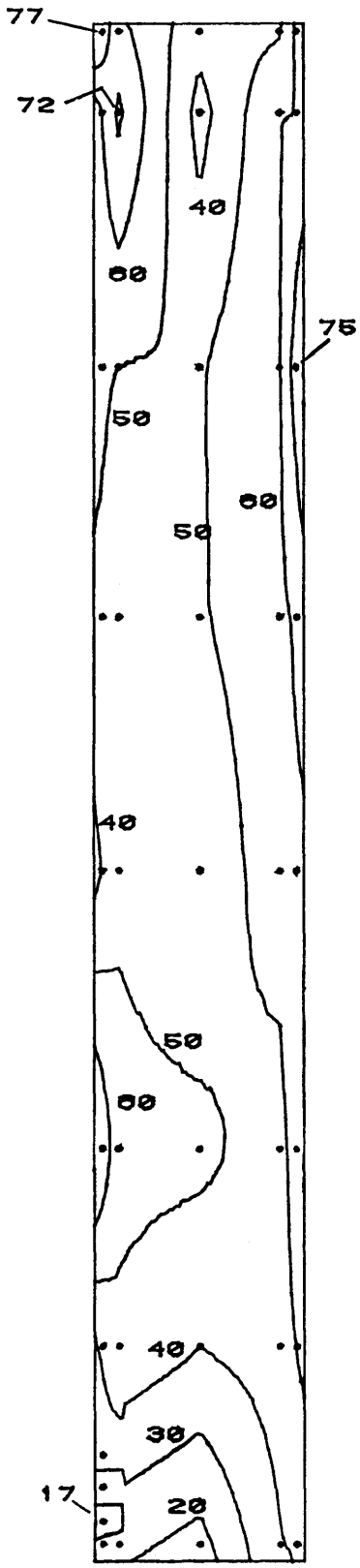
NORTHEAST INNER ELEVATION
PEAK NEGATIVE CLADDING LOADS (PSF)
FOR 50-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 27 PSF

Figure 10e. Peak Pressure Contours on the Building for Cladding Loads



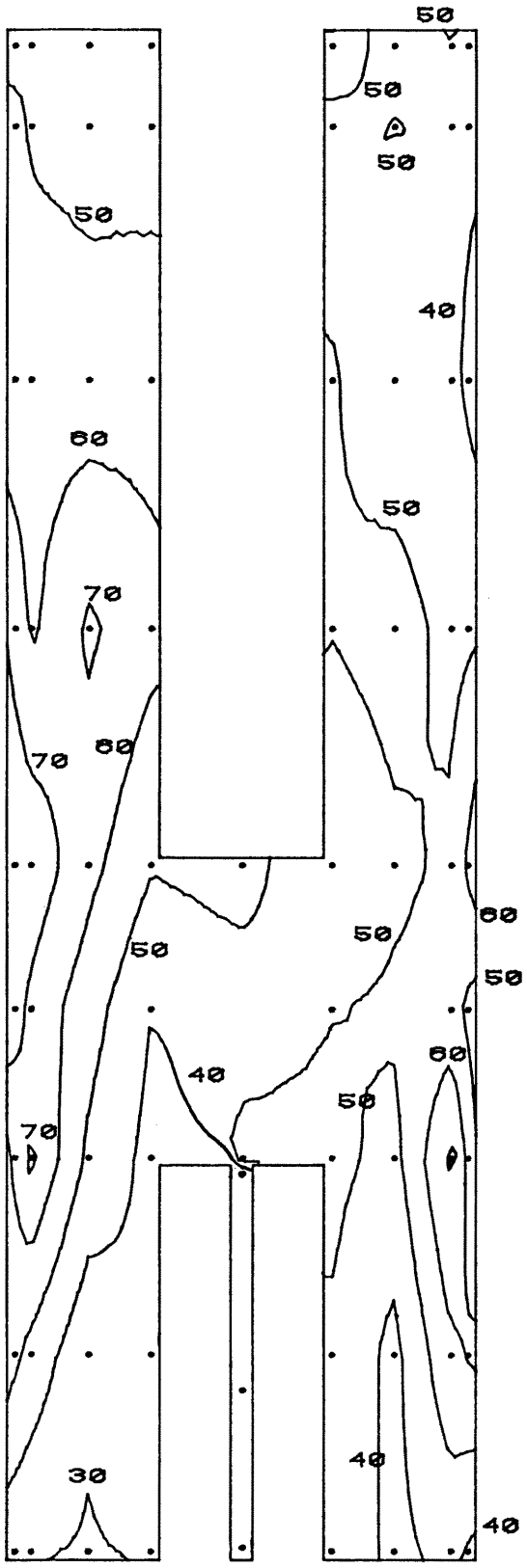
NORTHWEST OUTER ELEVATION
PEAK NEGATIVE CLADDING LOADS (PSF)
FOR 50-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 27 PSF

Figure 10f. Peak Pressure Contours on the Building for Cladding Loads



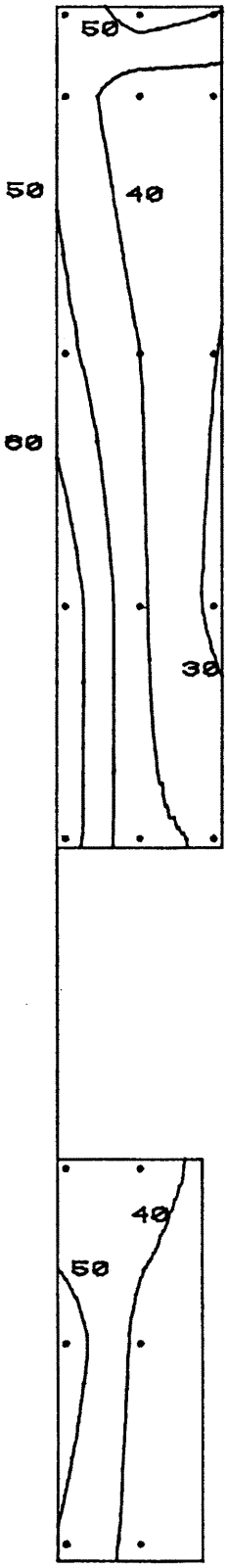
SOUTHWEST OUTER ELEVATION
PEAK NEGATIVE CLADDING LOADS (PSF)
FOR 50-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 27 PSF

Figure 10g. Peak Pressure Contours on the Building for Cladding Loads



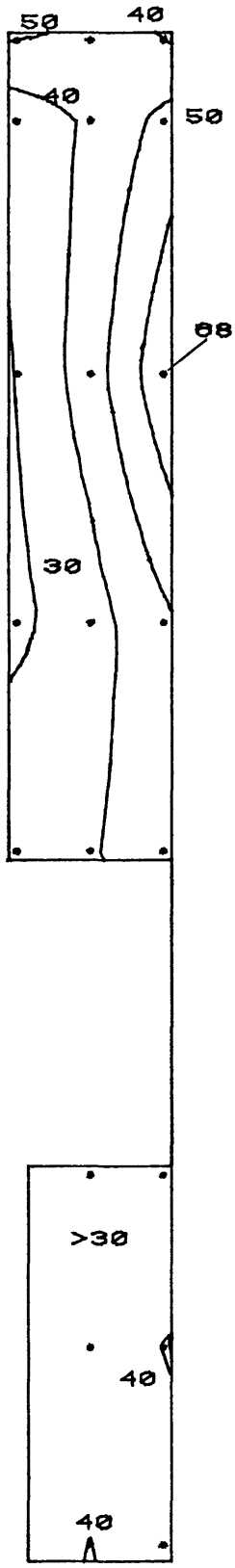
SOUTH ELEVATION
PEAK NEGATIVE CLADDING LOADS (PSF)
FOR 50-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 27 PSF

Figure 10h. Peak Pressure Contours on the Building for Cladding Loads



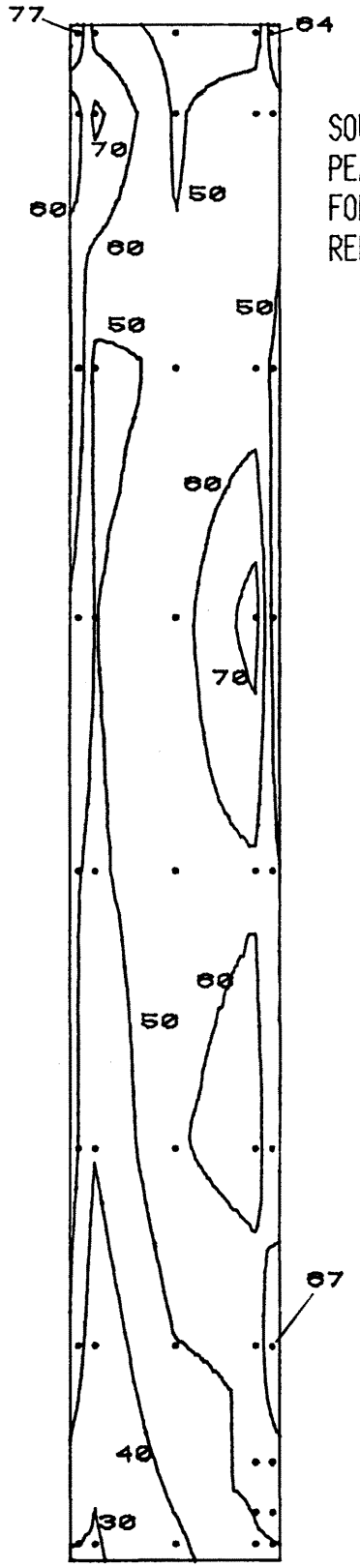
SOUTHEAST INNER ELEVATION
PEAK NEGATIVE CLADDING LOADS (PSF)
FOR 50-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 27 PSF

Figure 10i. Peak Pressure Contours on the Building for Cladding Loads



SOUTHWEST INNER ELEVATION
PEAK NEGATIVE CLADDING LOADS (PSF)
FOR 50-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 27 PSF

Figure 10j. Peak Pressure Contours on the Building for Cladding Loads



SOUTHEAST OUTER ELEVATION
PEAK NEGATIVE CLADDING LOADS (PSF)
FOR 50-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 27 PSF

Figure 10k. Peak Pressure Contours on the Building for Cladding Loads

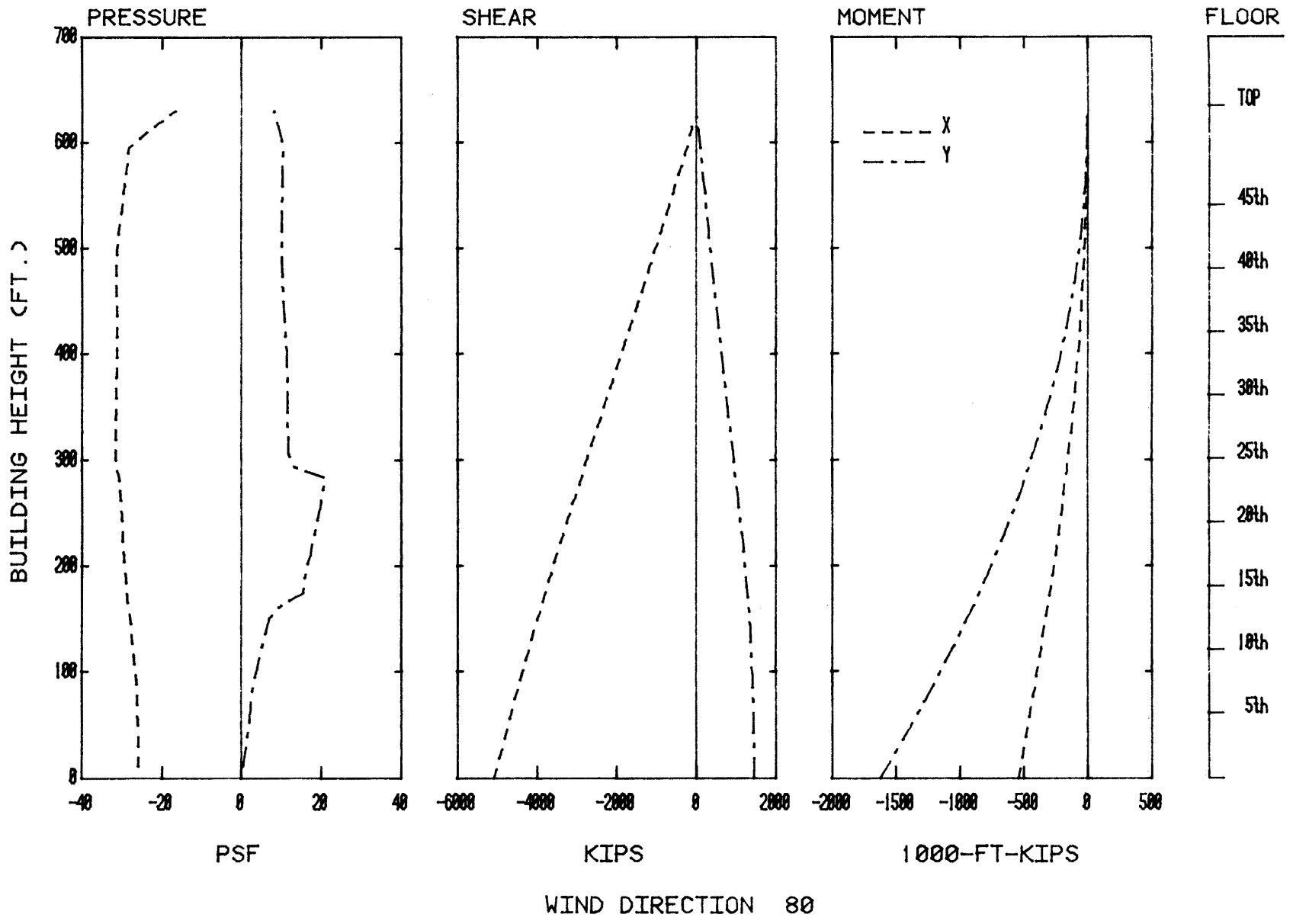


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

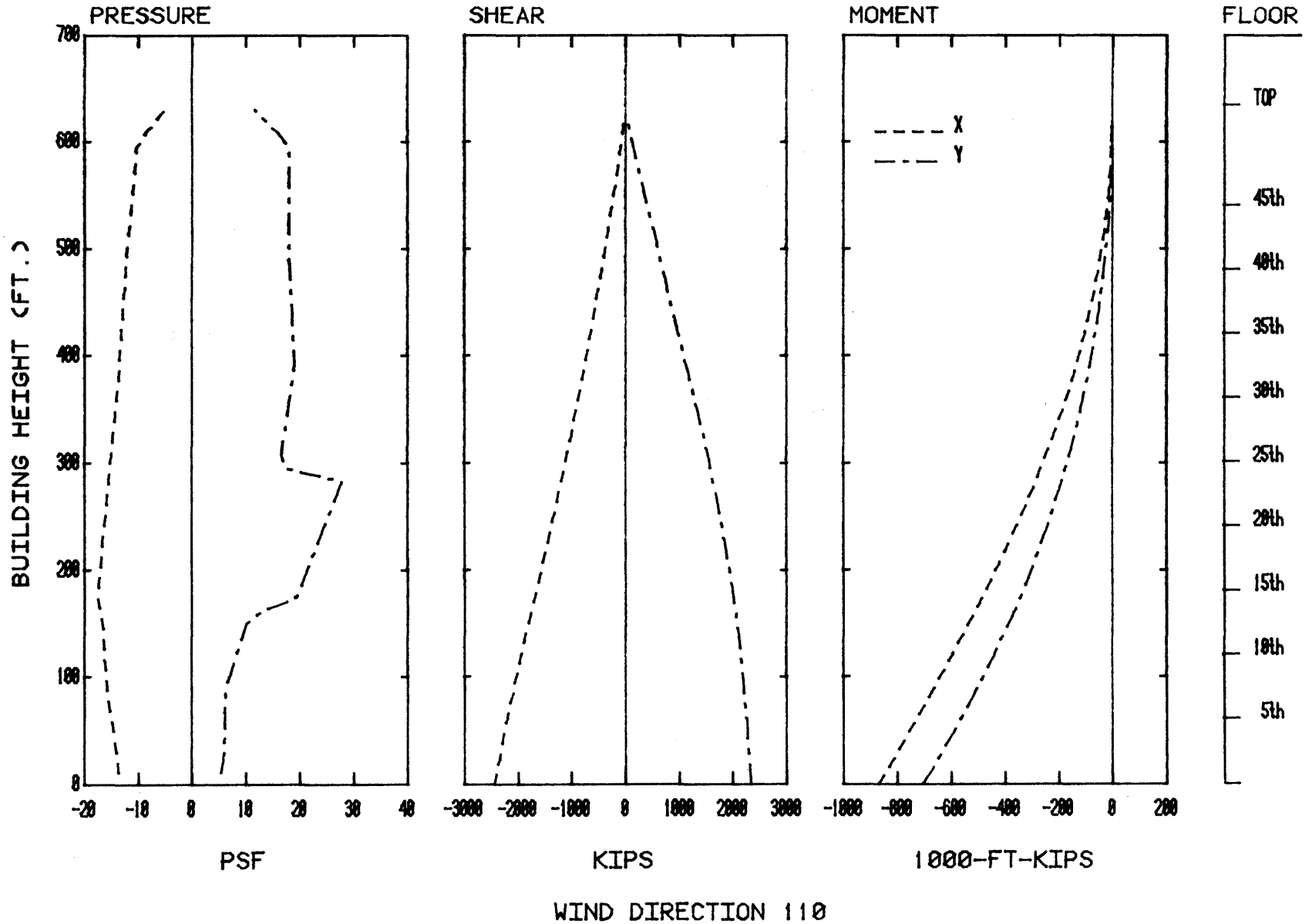


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

TABLES

TABLE 1

MOTION PICTURE SCENE GUIDE

1. Introduction
2. Purposes for model testing
3. Procedures for conducting tests
4. Specific flow visualization scenes for Two Dallas Centre

Peak Pressure Areas

Run	Tap No.	Azimuth
1	118	340°
2	404+929	320°
3	914	130°

High Pedestrian Wind Velocities

Run	Location	Azimuth
4	1	135°
5	1	157°
6	12, 14	90°
7	5	292.5°

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

TWO DALLAS CENTRE

LOCATION 1

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	57.0	10.3	87.9
22.50	72.8	10.7	104.8
45.00	73.9	12.2	110.4
67.50	64.0	16.9	114.7
90.00	47.5	18.9	104.1
112.50	71.9	19.3	129.9
135.00	92.4	13.3	132.4
157.50	88.7	22.8	157.1
180.00	82.8	22.0	148.9
202.50	17.2	6.7	37.2
225.00	16.0	6.2	34.5
247.50	14.2	6.0	32.2
270.00	19.1	7.9	42.9
292.50	38.3	14.0	80.2
315.00	41.0	14.5	84.6
337.50	46.3	13.9	88.0

LOCATION 2

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	10.8	4.0	22.9
22.50	17.4	7.5	39.9
45.00	15.6	6.8	35.5
67.50	19.9	8.3	44.9
90.00	19.5	6.4	38.7
112.50	16.5	6.1	34.6
135.00	19.7	8.0	43.8
157.50	18.9	8.2	43.5
180.00	15.5	7.2	37.1
202.50	23.5	8.2	48.0
225.00	20.4	6.1	38.6
247.50	8.5	4.0	20.6
270.00	7.9	2.6	15.6
292.50	16.0	8.6	41.8
315.00	11.2	4.7	25.4
337.50	10.2	3.5	20.8

LOCATION 3

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	10.8	6.9	31.4
22.50	18.1	10.4	49.3
45.00	16.6	9.1	43.8
67.50	29.4	14.1	71.8
90.00	42.3	11.5	76.7
112.50	47.8	10.4	79.1
135.00	48.8	10.0	78.7
157.50	30.2	10.3	61.2
180.00	21.5	13.2	61.1
202.50	33.7	11.4	67.9
225.00	23.3	8.8	49.7
247.50	7.1	5.0	22.2
270.00	9.1	5.5	25.5
292.50	27.7	16.7	77.9
315.00	12.7	8.0	36.7
337.50	14.8	8.7	41.0

LOCATION 4

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	25.1	12.6	62.9
22.50	22.5	12.3	59.3
45.00	27.7	10.7	59.9
67.50	53.8	14.0	95.7
90.00	63.8	14.4	106.9
112.50	68.7	11.4	103.0
135.00	61.3	10.6	93.2
157.50	34.2	10.5	65.5
180.00	25.6	15.0	70.7
202.50	25.7	12.5	63.3
225.00	29.2	10.9	61.9
247.50	16.0	11.3	49.8
270.00	43.2	20.5	104.7
292.50	60.2	22.0	126.2
315.00	30.2	20.8	92.5
337.50	32.3	17.2	83.8

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

TWO DALLAS CENTRE

LOCATION 5

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	17.4	7.8	40.8
22.50	23.6	9.5	52.1
45.00	31.1	12.1	67.3
67.50	59.5	18.5	115.1
90.00	58.0	20.5	119.4
112.50	44.2	19.6	103.1
135.00	28.9	13.2	68.6
157.50	27.4	11.8	62.9
180.00	32.5	15.7	79.6
202.50	35.9	13.4	76.0
225.00	39.2	11.1	72.6
247.50	24.6	13.6	65.3
270.00	54.6	23.0	123.6
292.50	78.8	25.0	153.8
315.00	43.0	27.1	124.2
337.50	37.3	20.5	99.0

LOCATION 6

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	16.9	9.7	46.1
22.50	41.5	13.2	81.0
45.00	42.8	10.0	72.9
67.50	59.1	15.2	104.7
90.00	58.6	15.4	104.8
112.50	49.1	15.7	96.2
135.00	31.8	14.9	76.6
157.50	16.0	6.4	35.3
180.00	22.2	12.5	59.9
202.50	31.0	12.0	67.1
225.00	41.7	10.8	74.2
247.50	25.7	16.8	76.1
270.00	63.9	21.9	129.8
292.50	76.6	23.8	148.0
315.00	53.3	28.1	137.7
337.50	43.7	22.9	112.3

LOCATION 7

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	15.1	5.8	32.4
22.50	14.7	5.9	32.5
45.00	16.7	7.0	37.8
67.50	22.7	11.1	55.9
90.00	28.3	13.4	68.7
112.50	22.4	9.3	50.4
135.00	14.5	5.7	31.5
157.50	19.4	9.3	47.4
180.00	32.4	16.9	83.0
202.50	34.2	18.6	90.0
225.00	31.7	12.7	69.8
247.50	39.6	10.9	72.3
270.00	38.3	11.5	72.7
292.50	38.6	11.1	71.9
315.00	37.0	11.5	71.6
337.50	35.9	11.8	70.8

LOCATION 8

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	34.9	8.7	60.2
22.50	19.7	10.1	49.9
45.00	15.7	8.9	42.3
67.50	31.4	16.2	79.9
90.00	30.6	16.1	78.9
112.50	33.2	16.7	83.5
135.00	32.7	12.4	69.9
157.50	36.2	10.8	68.5
180.00	51.4	14.8	95.8
202.50	51.6	15.9	99.3
225.00	22.3	9.9	51.8
247.50	18.3	9.4	46.4
270.00	39.4	13.8	80.9
292.50	63.6	15.7	110.8
315.00	59.4	14.5	103.0
337.50	51.3	14.5	94.7

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

TWO DALLAS CENTRE

LOCATION 9

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	17.6	5.8	34.9
22.50	10.7	3.6	21.4
45.00	12.3	4.8	26.7
67.50	21.7	11.0	54.7
90.00	26.0	13.8	67.3
112.50	46.4	16.5	95.9
135.00	25.8	12.8	64.3
157.50	12.6	4.8	27.0
180.00	20.1	7.1	41.4
202.50	20.6	7.9	44.4
225.00	16.2	6.4	35.5
247.50	13.4	4.1	25.7
270.00	12.4	3.7	23.5
292.50	18.6	7.7	41.8
315.00	20.3	7.6	43.0
337.50	22.7	8.7	48.7

LOCATION 10

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	23.0	10.4	54.2
22.50	14.0	6.5	33.5
45.00	17.7	10.3	48.6
67.50	25.8	15.9	73.5
90.00	29.1	17.4	81.3
112.50	55.0	18.6	110.8
135.00	36.8	17.4	88.9
157.50	23.8	11.2	57.3
180.00	42.0	13.8	83.5
202.50	43.6	16.7	93.6
225.00	35.0	13.1	74.4
247.50	26.6	9.6	55.5
270.00	34.5	10.6	66.4
292.50	57.9	14.7	102.1
315.00	51.1	13.6	92.0
337.50	50.8	13.2	90.4

LOCATION 11

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	19.3	8.6	45.2
22.50	11.9	4.7	26.2
45.00	12.5	5.8	29.8
67.50	15.1	7.3	37.0
90.00	16.3	8.1	40.7
112.50	32.0	20.9	94.6
135.00	40.7	20.3	101.6
157.50	20.3	11.5	54.8
180.00	45.5	27.2	127.2
202.50	56.4	24.9	131.0
225.00	32.4	15.2	78.1
247.50	35.7	11.7	70.7
270.00	49.8	11.4	84.0
292.50	61.5	15.8	109.1
315.00	57.7	16.5	107.2
337.50	51.5	14.0	93.6

LOCATION 12

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	22.0	8.3	47.0
22.50	20.0	12.5	57.6
45.00	43.3	16.1	91.7
67.50	71.1	15.9	118.7
90.00	84.2	20.0	144.3
112.50	68.9	17.8	122.2
135.00	42.4	14.3	85.3
157.50	20.8	10.7	52.8
180.00	44.1	21.8	109.6
202.50	60.4	18.8	116.7
225.00	47.8	12.6	85.7
247.50	48.6	9.0	75.6
270.00	57.8	11.0	90.7
292.50	62.9	13.4	103.1
315.00	59.7	13.9	101.5
337.50	53.7	12.5	91.3

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

TWO DALLAS CENTRE

LOCATION 13

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	9.7	3.1	19.0
22.50	24.0	11.7	59.1
45.00	43.4	16.4	92.5
67.50	69.3	16.3	118.0
90.00	75.0	25.9	152.8
112.50	55.0	20.7	117.5
135.00	36.1	15.9	83.7
157.50	23.7	11.0	56.6
180.00	24.8	10.6	56.7
202.50	31.5	11.9	67.3
225.00	27.7	9.6	56.4
247.50	35.0	12.4	72.2
270.00	30.9	14.7	75.0
292.50	11.1	3.9	22.8
315.00	10.9	3.8	22.2
337.50	10.8	3.5	21.2

LOCATION 14

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	9.2	4.3	22.3
22.50	37.4	16.2	85.9
45.00	45.3	11.3	79.3
67.50	64.3	11.1	97.5
90.00	77.3	11.5	111.8
112.50	63.6	11.9	99.4
135.00	54.1	13.5	94.6
157.50	35.3	16.0	83.2
180.00	43.8	21.4	108.0
202.50	37.5	14.9	82.3
225.00	44.8	10.3	75.9
247.50	32.5	15.3	78.4
270.00	30.4	18.9	87.0
292.50	12.1	6.4	31.3
315.00	13.4	7.2	35.0
337.50	11.3	5.3	27.3

LOCATION 15

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	11.9	4.3	24.8
22.50	31.9	14.4	75.1
45.00	28.4	12.0	64.4
67.50	31.5	9.1	58.8
90.00	40.6	9.7	69.6
112.50	28.0	10.6	59.8
135.00	25.3	10.2	55.9
157.50	19.1	9.4	47.3
180.00	23.2	11.5	57.9
202.50	4.5	9.2	31.5
225.00	14.5	5.2	30.2
247.50	11.9	4.9	26.5
270.00	13.5	5.8	31.0
292.50	14.2	5.9	31.9
315.00	13.9	5.7	30.9
337.50	15.0	5.8	32.4

LOCATION 16

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	12.5	6.7	32.7
22.50	25.2	11.0	58.3
45.00	20.1	10.5	51.7
67.50	28.2	12.6	66.0
90.00	26.6	11.3	59.6
112.50	33.5	13.8	75.6
135.00	35.5	13.7	76.6
157.50	24.8	10.7	56.9
180.00	28.8	11.3	63.8
202.50	13.9	6.4	34.1
225.00	8.8	4.3	21.7
247.50	7.1	3.4	17.3
270.00	12.8	7.8	35.5
292.50	15.0	8.2	39.5
315.00	13.0	7.8	36.4
337.50	14.4	8.2	38.9

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

TWO DALLAS CENTRE

LOCATION 17

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	11.8	6.5	31.2
22.50	14.7	8.0	38.7
45.00	13.7	8.7	39.7
67.50	19.5	9.7	48.6
90.00	29.6	10.5	71.1
112.50	47.8	10.8	80.1
135.00	49.1	10.3	80.2
157.50	33.9	10.6	65.6
180.00	17.2	10.1	47.5
202.50	19.8	9.3	47.6
225.00	12.7	6.8	33.0
247.50	6.6	3.9	18.3
270.00	9.6	5.3	25.4
292.50	17.8	11.0	50.7
315.00	10.8	6.0	28.9
337.50	13.0	7.5	35.6

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

TWO DALLAS CENTRE

* * GREATEST VALUES * *

UMEAN/UINF (PERCENT)

LOC	AZ	MEAN	RMS	M+3RMS
1	135.0	92.4	13.3	132.4
1	157.5	88.7	22.8	157.1
12	90.0	84.2	20.0	144.3
1	180.0	82.8	22.0	148.9
5	292.5	78.8	25.0	153.8
14	90.0	77.3	11.5	111.8
6	292.5	76.6	23.8	148.0
13	90.0	75.0	25.9	152.8
1	45.0	73.9	12.2	110.4
1	22.5	72.8	10.7	104.8

URMS/UINF (PERCENT)

LOC	AZ	MEAN	RMS	M+3RMS
6	315.0	53.3	28.1	137.7
11	180.0	45.5	27.2	127.2
5	315.0	43.0	27.1	124.2
13	90.0	75.0	25.9	152.8
5	292.5	78.8	25.0	153.8
11	202.5	56.4	24.9	131.0
6	292.5	76.6	23.8	148.0
5	270.0	54.6	23.0	123.6
6	337.5	43.7	22.9	112.3
1	157.5	88.7	22.8	157.1

UMEAN+3*RMS/UINF (PERCENT)

LOC	AZ	MEAN	RMS	M+3RMS
1	157.5	88.7	22.8	157.1
5	292.5	78.8	25.0	153.8
13	90.0	75.0	25.9	152.8
1	180.0	82.8	22.0	148.9
6	292.5	76.6	23.8	148.0
12	90.0	84.2	20.0	144.3
6	315.0	53.3	28.1	137.7
1	135.0	92.4	13.3	132.4
11	202.5	56.4	24.9	131.0
1	112.5	71.9	19.3	129.9

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

DALLAS, TEXAS LOVE FIELD (1951-1960)

SEASON : ANNUAL NO OF OBS.= 87672 HT OF MEAS.= 40. FT

VELOCITY LEVELS IN MPH

DIRECTION	0- 3	4- 7	8-12	13-18	19-24	25-31	32-38	39-46	47 +	TOTAL
N	.59	1.48	1.90	1.45	.52	.10	.03	0.00	0.00	6.07
NNE	.46	1.44	1.52	1.11	.31	.05	0.00	0.00	0.00	4.89
NE	.68	2.32	1.60	.65	.25	.03	0.00	.03	0.00	5.47
ENE	.52	1.99	1.35	.61	.20	.04	0.00	0.00	0.00	3.92
E	.42	1.29	1.52	.52	.22	.01	0.00	0.00	0.00	3.99
ESE	.34	1.28	2.17	.92	.25	.05	0.00	0.00	0.00	4.99
SE	.34	2.90	5.37	3.21	.54	.06	.01	0.00	0.00	12.82
SSE	.31	1.74	5.24	3.44	1.68	.17	.06	.02	0.00	13.87
S	.56	1.87	4.94	3.62	2.13	.25	.05	.02	0.00	13.83
SSW	.30	.90	1.51	2.00	.65	.11	.01	0.00	0.00	5.51
SW	.55	1.08	1.22	.93	.27	.08	.01	.03	0.00	4.16
WSW	.17	.36	.37	.33	.19	.04	.02	.01	0.00	1.42
W	.22	.56	.47	.35	.20	.05	.02	.02	0.00	2.00
WNW	.22	.49	.56	.35	.31	.07	.03	0.00	0.00	2.25
NW	.25	1.14	1.06	1.07	.50	.12	.06	.03	0.00	4.49
NNW	.37	1.08	1.48	1.43	.56	.10	.06	0.00	0.00	5.08
CALM	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.78
TOT	8.54	20.92	32.21	27.89	8.76	1.24	.36	.16	0.00	100.00

PROJECT 7820

TABLE 4

SUMMARY OF WIND EFFECTS ON PEOPLE

	Beaufort number	Speed (mph)	Effects
Calm, light air	0, 1	0- 3	Calm, no noticeable wind
Light breeze	2	4- 7	Wind felt on face
Gentle breeze	3	8-12	Wind extends light flag Hair is disturbed Clothing flaps
Moderate breeze	4	13-18	Raises dust, dry soil and loose paper Hair disarranged
Fresh breeze	5	19-24	Force of wind felt on body Drifting snow becomes airborne Limit of agreeable wind on land
Strong breeze	6	25-31	Umbrellas used with difficulty Hair blown straight Difficult to walk steadily Wind noise on ears unpleasant Windborne snow above head height (blizzard)
Near gale	7	32-38	Inconvenience felt when walking
Gale	8	39-46	Generally impedes progress Great difficulty with balance in gusts
Strong gale	9	47-54	People blown over by gusts

Note: Table from Reference 4, p. 40.

TABLE 5

CALCULATION OF REFERENCE PRESSURE

1. Basic wind speed from ANSI A58.1 (Ref. 6):

   50-yr fastest mile at 30 ft = 70 mph

   Mean hourly wind speed = $\frac{70}{1.25}$ = 56.0 mph

   Mean hourly gradient wind speed = $56.0 \left(\frac{1000}{30}\right)^{.17}$ = 101.6 mph

   Mean hourly wind at ref location U_∞ = gradient wind

   Reference pressure = $0.5 \rho U_\infty^2 = (0.00256)\ (101.6)^2$ = 26.5 psf

   Use reference pressure = 27 psf

2. Loads for 100-yr recurrence wind:

   100-yr fastest mile at 30 ft = 70 mph (Ref. 6)

   no change in load.

3. Gust load factors to convert hourly mean integrated loads to various gust durations (see Sect. 4.4):

Gust Duration, sec	Gust Load Factor
10-15	$(1.4)^2$ = 1.96
30	$(1.32)^2$ = 1.74
45	$(1.26)^2$ = 1.59

   30 sec duration load factor was used in Table 7.

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : TWO DALLAS CENTRE
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 27.0 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF ----	POSITIVE PEAK ----
1	280	-1.05	-28.3	20.5
2	30	-.78	-21.1	9.9
3	290	-1.40	-37.9	11.4
4	320	-1.41	-38.2	4.0
101	200	-2.84	-76.5	25.9
102	200	-1.94	-52.4	19.7
103	10	-1.96	-53.0	18.6
104	30	-2.14	-57.8	20.6
105	30	-1.99	-53.7	21.4
106	320	-1.45	-39.1	27.0
107	180	-1.54	-41.6	28.8
108	320	-1.68	-45.2	28.1
109	320	-1.68	-45.4	30.1
110	320	-1.67	-45.1	34.1
111	330	-1.93	-52.1	27.6
112	330	-1.84	-49.8	26.7
113	140	-1.99	-53.6	22.3
114	150	-1.63	-44.0	22.7
115	150	-2.15	-58.1	23.6
116	330	-1.80	-48.5	30.6
117	340	-2.45	-66.1	31.2
118	340	-3.38	-91.2	29.3
119	60	-2.62	-70.7	33.1
120	60	-2.36	-63.8	31.1
121	60	-1.63	-44.0	31.7
122	80	-1.37	-37.0	32.5
123	240	-1.80	-48.5	33.1
124	190	-1.88	-50.8	33.2
125	200	-1.84	-49.6	32.0
126	30	-1.18	-31.9	33.6
127	30	-1.43	-38.6	33.5
128	30	-1.51	-40.8	33.4
129	320	-1.44	-38.9	34.7
130	320	-1.40	-37.9	34.7
131	140	-1.48	-39.8	33.5
132	130	-1.64	-44.2	33.6
133	320	-1.52	-41.0	34.0
134	140	-1.28	-34.5	33.5
135	140	-2.00	-53.9	34.6
136	140	-1.74	-46.9	33.6
137	330	-1.85	-49.8	33.6
138	330	-1.90	-51.1	33.1
139	330	-1.97	-53.1	33.2
140	350	-2.18	-58.9	33.5
141	340	-2.61	-70.5	33.2
142	50	-1.83	-49.5	33.6
143	50	-2.09	-56.5	34.0
144	60	-1.70	-46.0	33.5
145	240	1.46	-36.9	39.4
146	80	-1.49	-40.3	33.4
147	20	-1.90	-51.2	32.2
148	210	-1.37	-37.1	34.3
149	20	-1.68	-45.4	33.1
150	0	-1.43	-38.6	31.7
151	0	-1.51	-40.7	35.3
152	310	-1.65	-44.4	36.3
153	320	-1.50	-40.4	39.7
154	120	-1.46	-39.4	35.8
155	130	-1.89	-50.9	33.9
156	330	-2.11	-56.9	39.8
157	330	-1.27	-34.4	31.5
158	140	1.40	-24.7	37.9
159	130	-1.28	-34.6	32.6
160	140	-1.98	-53.5	40.1
161	330	-1.99	-53.7	27.8
162	330	-1.95	-52.7	27.8
163	350	-2.12	-57.2	34.6
164	350	-1.96	-52.8	35.8
165	50	-1.64	-44.4	35.9
166	60	-1.59	-40.5	30.2
167	60	-1.86	-50.2	28.4
168	70	-1.65	-44.6	33.1
169	290	-1.94	-52.4	33.8
170	30	-1.44	-38.9	29.8
171	30	-1.31	-35.4	32.3
172	20	-1.38	-37.2	33.6
173	30	-1.81	-48.9	33.6
174	30	-1.51	-40.9	31.8
175	130	-1.60	-43.2	34.8
176	120	-1.66	-44.7	33.4
177	130	-2.39	-64.5	34.4
178	120	-1.87	-50.6	29.1
179	330	-2.19	-59.1	28.7
180	130	-1.15	-31.1	27.7
181	320	-1.10	-29.8	29.7
182	150	-1.17	-31.6	33.7
183	140	-1.94	-52.5	33.7
184	330	-1.91	-51.6	34.2
185	330	-1.95	-52.7	34.2
186	330	-1.52	-41.1	34.5
187	330	-1.65	-44.7	27.7
188	60	-1.92	-51.8	27.1
189	50	-1.83	-49.4	28.8
190	60	-1.50	-40.4	16.8
191	280	-2.47	-66.8	11.2
192	280	-2.54	-68.5	11.2
193	320	-2.06	-55.7	35.3
194	130	-1.42	-38.4	35.2
195	140	1.32	-31.1	35.9
196	170	-1.78	-48.0	34.9
197	130	-1.83	-49.5	34.4
198	180	-1.24	-33.4	27.0
199	180	-1.18	-31.9	28.3
200	0	-1.32	-35.5	32.4
201	20	-1.25	-33.9	30.2
202	20	-1.33	-35.9	29.6
203	130	-1.88	-50.7	32.6
204	140	-2.25	-60.8	34.3
205	140	-2.15	-58.1	33.7
206	140	-1.50	-40.6	31.7
207	60	-1.48	-40.0	29.3
208	320	-1.36	-37.0	29.4
209	300	-1.89	-50.9	24.8
210	330	-1.61	-43.4	19.5
211	330	-1.88	-50.8	25.5
212	70	-1.90	-51.2	21.6
213	90	-2.04	-55.1	22.8
214	110	-1.77	-47.7	15.8
215	320	-1.76	-47.6	8.5
216	90	-1.61	-43.4	6.1
217	140	-2.14	-57.9	30.7
218	120	-2.14	-57.8	28.2
219	140	-1.38	-37.3	26.1
220	320	-1.09	-29.4	18.2
221	320	-1.56	-42.1	25.1
222	320	-1.34	-36.2	22.1
223	20	.87	-22.1	23.1
224	180	.91	-18.4	24.7
225	300	.98	-26.4	24.6
226	300	1.03	-27.7	24.7
227	300	1.24	-33.6	30.1
228	150	2.29	-61.9	32.1
229	140	2.27	-61.3	32.6
230	140	1.27	-47.5	32.7
231	150	1.06	-28.5	14.1
232	180	.70	-19.0	13.2
233	310	.70	-18.9	13.1
234	320	.68	-18.5	19.2
235	340	.90	-24.2	19.1
236	110	.82	-22.1	7.1
237	80	.99	-53.7	17.8
238	80	.82	-49.1	14.3
239	110	.73	-47.2	10.6
240	90	.37	-37.0	7.9

TABLE 6A. PEAK LOADS FOR CONFIGURATION R
LARGEST VALUES OF CLADDING LOAD

TWO DALLAS CENTRE
REFERENCE PRESSURE = 27.0 PSF

TAP	AZIMUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF ----	POSITIVE PEAK ---- PSF ----
241	300	-1.57	-42.4	7.9
242	300	-1.58	-15.7	13.2
243	290	-1.52	-13.6	14.1
244	290	-1.51	-13.7	12.9
245	290	-1.53	-14.3	13.1
246	310	-1.65	-13.4	17.6
247	310	-1.93	-15.0	15.5
248	180	-1.89	-24.1	0.0
249	170	-1.83	-21.6	0.0
250	170	1.07	-26.7	5.8
251	140	-1.39	-37.5	0.0
252	150	-1.21	-32.8	0.0
253	320	.49	-13.0	3.0
254	320	.71	-19.2	0.0
255	280	.82	-22.5	0.0
256	290	.56	-15.9	2.1
257	290	.59	-16.1	0.0
258	290	2 .80	-22.6	0.0
259	310	.72	-19.4	0.0
260	310	.70	-19.0	7.3
261	310	.91	-28.2	0.0
262	60	.93	-52.6	0.0
263	60	.97	-44.3	0.0
264	100	.65	-44.1	0.0
265	300	.54	-41.0	0.0
266	280	.57	-20.1	0.0
267	290	.52	-40.0	0.0
268	290	.51	-51.7	0.0
269	180	.00	-22.4	0.0
270	190	.45	-33.6	0.0
271	190	.43	-36.1	0.0
272	180	.04	-22.2	0.0
273	190	.88	-22.3	0.0
274	190	.92	-22.2	0.0
275	190	.84	-22.1	0.0
276	190	.86	-22.2	0.0
277	190	.87	-22.2	0.0
278	190	.88	-22.3	0.0
279	190	.89	-22.3	0.0
280	190	.92	-22.5	0.0
281	190	.94	-22.6	0.0
282	190	.96	-22.7	0.0
283	190	.98	-22.8	0.0
284	190	1.00	-22.9	0.0
285	190	1.02	-23.0	0.0
286	190	1.04	-23.1	0.0
287	190	1.06	-23.2	0.0
288	190	1.08	-23.3	0.0

TAP	AZIMUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF ----	POSITIVE PEAK ---- PSF ----
9	280	.86	-15.8	21.6
10	290	.85	-14.7	22.1
11	290	.88	-18.1	22.9
12	290	.87	-17.9	23.1
13	290	.88	-23.1	24.4
14	190	-1.88	-22.1	19.7
15	190	-1.88	-21.2	19.9
16	190	-1.88	-22.3	19.6
17	190	-1.88	-43.7	19.4
18	190	-1.88	-23.4	19.6
19	190	-1.88	-37.6	19.7
20	190	-1.88	-37.7	19.8
21	190	-1.88	-37.8	19.8
22	190	-1.88	-43.3	19.8
23	190	-1.88	-43.4	19.8
24	190	-1.88	-43.5	19.8
25	190	-1.88	-43.6	19.8
26	190	-1.88	-43.7	19.8
27	190	-1.88	-43.8	19.8
28	190	-1.88	-43.9	19.8
29	190	-1.88	-44.0	19.8
30	190	-1.88	-44.1	19.8
31	190	-1.88	-44.2	19.8
32	190	-1.88	-44.3	19.8
33	190	-1.88	-44.4	19.8
34	190	-1.88	-44.5	19.8
35	190	-1.88	-44.6	19.8
36	190	-1.88	-44.7	19.8
37	190	-1.88	-44.8	19.8
38	190	-1.88	-44.9	19.8
39	190	-1.88	-45.0	19.8
40	190	-1.88	-45.1	19.8
41	190	-1.88	-45.2	19.8
42	190	-1.88	-45.3	19.8
43	190	-1.88	-45.4	19.8
44	190	-1.88	-45.5	19.8
45	190	-1.88	-45.6	19.8
46	190	-1.88	-45.7	19.8
47	190	-1.88	-45.8	19.8
48	190	-1.88	-45.9	19.8
49	190	-1.88	-46.0	19.8
50	190	-1.88	-46.1	19.8
51	190	-1.88	-46.2	19.8
52	190	-1.88	-46.3	19.8
53	190	-1.88	-46.4	19.8
54	190	-1.88	-46.5	19.8
55	190	-1.88	-46.6	19.8
56	190	-1.88	-46.7	19.8
57	190	-1.88	-46.8	19.8
58	190	-1.88	-46.9	19.8
59	190	-1.88	-47.0	19.8
60	190	-1.88	-47.1	19.8
61	190	-1.88	-47.2	19.8
62	190	-1.88	-47.3	19.8
63	190	-1.88	-47.4	19.8
64	190	-1.88	-47.5	19.8
65	190	-1.88	-47.6	19.8
66	190	-1.88	-47.7	19.8
67	190	-1.88	-47.8	19.8
68	190	-1.88	-47.9	19.8
69	190	-1.88	-48.0	19.8
70	190	-1.88	-48.1	19.8
71	190	-1.88	-48.2	19.8
72	190	-1.88	-48.3	19.8
73	190	-1.88	-48.4	19.8
74	190	-1.88	-48.5	19.8
75	190	-1.88	-48.6	19.8
76	190	-1.88	-48.7	19.8
77	190	-1.88	-48.8	19.8
78	190	-1.88	-48.9	19.8
79	190	-1.88	-49.0	19.8
80	190	-1.88	-49.1	19.8
81	190	-1.88	-49.2	19.8
82	190	-1.88	-49.3	19.8
83	190	-1.88	-49.4	19.8
84	190	-1.88	-49.5	19.8
85	190	-1.88	-49.6	19.8
86	190	-1.88	-49.7	19.8
87	190	-1.88	-49.8	19.8
88	190	-1.88	-49.9	19.8

TAP	AZIMUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF ----	POSITIVE PEAK ---- PSF ----
89	140	-1.71	-46.1	39.8
90	150	-1.56	-50.2	39.1
91	150	-1.42	-42.2	37.2
92	160	-1.42	-42.3	37.1
93	200	-1.71	-57.3	39.9
94	200	-1.81	-48.7	34.2
95	800	-1.14	-55.5	44.2
96	1000	-1.05	-55.1	37.7
97	200	-1.91	-51.7	39.9
98	200	-1.84	-49.7	39.8
99	200	-1.84	-49.8	37.9
100	170	-1.78	-55.8	39.3
101	140	-1.07	-53.5	32.5
102	320	-1.09	-55.4	33.2
103	320	-1.09	-56.3	33.4
104	130	-1.94	-52.0	34.1
105	320	-1.49	-40.7	39.1
106	320	-1.41	-39.5	38.5
107	320	-1.68	-45.7	39.3
108	320	-1.65	-46.7	38.0
109	170	-1.89	-51.3	39.1
110	140	-1.61	-43.2	38.9
111	150	-1.58	-42.8	39.1
112	80	-1.44	-38.6	39.2
113	260	-1.47	-36.7	39.2
114	250	-1.75	-42.7	39.2
115	80	-1.96	-53.2	39.1
116	90	-1.96	-53.3	39.1
117	90	-1.84	-49.9	39.1
118	90	-1.77	-48.6	39.1
119	90	-1.78	-48.6	39.1
120	210	-1.82	-48.7	39.1
121	180	-1.82	-48.8	39.1
122	170	-1.82	-48.8	39.1
123	310	-1.82	-48.8	39.1
124	310	-1.82	-48.8	39.1
125	310	-1.82	-48.8	39.1
126	320	-1.82	-48.8	39.1
127	320	-1.82	-48.8	39.1
128	320	-1.82	-48.8	39.1
129	320	-1.82	-48.8	39.1
130	320	-1.82	-48.8	39.1
131	320	-1.82	-48.8	39.1
132	320	-1.82	-48.8	39.1
133	320	-1.82	-48.8	39.1
134	320	-1.82	-48.8	39.1
135	320	-1.82	-48.8	39.1
136	320	-1.82	-48.8	39.1
137	320	-1.82	-48.8	39.1
138	320	-1.82	-48.8	39.1
139	320	-1.82	-48.8	39.1
140	320	-1.82	-48.8	39.1
141	320	-1.82	-48.8	39.1
142	320	-1.82	-48.8	39.1
143	320	-1.82	-48.8	39.1
144	320	-1.82	-48.8	39.1
145	320	-1.82	-48.8	39.1
146	320	-1.82	-48.8	39.1
147	320	-1.82	-48.8	39.1
148	320	-1.82	-48.8	39.1
149	320	-1.82	-48.8	39.1
150	320	-1.82	-48.8	39.1
151	320	-1.82	-48.8	39.1
152	320	-1.82	-48.8	39.1
153	320	-1.82	-48.8	39.1
154	320	-1.82	-48.8	39.1
155	320	-1.82	-48.8	39.1
156	320	-1.82	-48.8	39.1
157	320	-1.82	-48.8	39.1
158	320	-1.82	-48.8	39.1
159	320	-1.82	-48.8	39.1
160	320	-1.82	-48.8	39.1
161	320	-1.82	-48.8	39.1
162	320	-1.82	-48.8	39.1
163	320	-1.82	-48.8	39.1
164	320	-1.82	-48.8	39.1
165	320	-1.82	-48.8	39.1
166	320	-1.82	-48.8	39.1
167	320	-1.82	-48.8	39.1
168	320	-1.82	-48.8	39.1
169	320	-1.82	-48.8	39.1
170	320	-1.82	-48.8	39.1
171	320	-1.82	-48.8	39.1
172	320	-1.82	-48.8	39.1
173	320	-1.82	-48.8	39.1
174	320	-1.82	-48.8	39.1
175	320	-1.82	-48.8	39.1
176	320	-1.82	-48.8	39.1
177	320	-1.82	-48.8	39.1
178	320	-1.82	-48.8	39.1
179	320	-1.82	-48.8	39.1
180	320	-1.82	-48.8	39.1
181	320	-1.82	-48.8	39.1
182	320	-1.82	-48.8	39.1
183	320	-1.82	-48.8	39.1
184	320	-1.82	-48.8	39.1
185	320	-1.82	-48.8	39.1
186	320	-1.82	-48.8	39.1
187	320	-1.82	-48.8	39.1
188	320	-1.82	-48.8	39.1
189	320	-1.82	-48.8	39.1
190	320	-1.82	-48.8	39.1
191	320	-1.82	-48.8	39.1
192	320	-1.82	-48.8	39.1
193	320	-1.82	-48.8	39.1
194	320	-1.82	-48.8	39.1
195	320	-1.82	-48.8	39.1
196	320	-1.82	-48.8	39.1
197	320	-1.82	-48.8	39.1
198	320	-1.82	-48.8	39.1
199	320	-1.82	-48.8	39.1
200	320	-1.82	-48.8	39.1
201	320	-1.82	-48.8	39.1
202	320	-1.82	-48.8	39.1
203	320	-1.82	-48.8	39.1
204	320	-1.82	-48.8	39.1
205	320	-1.82	-48.8	39.1
206	320	-1.82	-48.8	39.1
207	320	-1.82	-48.8	39.1
208	320	-1.82	-48.8	39.1
209	320	-1.82	-48.8	39.1
210	320	-1.82	-48.8	39.1
211	320	-1.82	-48.8	39.1
212	320	-1.82	-48.8	39.1
213	320	-1.82	-48.8	39.1
214	320	-1.82	-48.8	39.1
215	320	-1.82	-48.8	39.1
216	320	-1.82	-48.8	39.1
217	320	-1.82	-48.8	39.1
218	320	-1.82	-48.8	39.1
219	320	-1.82	-48.8	39.1
220	320	-1.82	-48.8	39.1
221	320	-1.82	-48.8	39.1
222	320	-1.82	-48.8	39.1
223	320	-1.82	-48.8	39.1
224	320	-1.82	-48.8	39.1
225	320	-1.82	-48.8	39.1
226	320	-1.82	-48.8	39.1
227	320	-1.82	-48.8	39.1
228	320	-1.82	-48.8	39.1
229	320	-1.82	-48.8	39.1
230	320	-1.82	-48.8	39.1
231	320	-1.82	-48.8	39.1
232	320	-1.82	-48.8	39.1
233	320	-1.82	-48.8	39.1
234	320	-1.82	-48.8	39.1
235	320	-1.82	-48.8	39.1
236	320	-1.82	-48.8	39.1
237	320	-1.82	-48.8	39.1
238	320	-1.82	-48.8	39.1
239	320	-1.82	-48.8	39.1
240	320	-1.82	-48.8	39.1

TABLE 6A. PEAK LOADS FOR CONFIGURATION A
LARGEST VALUES OF CLADDING LOAD

TWO DALLAS CENTRE
REFERENCE PRESSURE = 27.0 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----
366	150	-1.74	-47.0	21.8
387	150	-1.78	-48.1	17.0
388	80	-2.05	-55.5	10.4
389	310	-1.85	-50.1	20.2
390	100	-2.07	-55.8	31.1
391	310	-2.79	-75.4	33.1
392	100	-1.84	-49.6	31.8
393	150	-2.45	-66.1	45.9
394	320	-1.54	-41.4	36.0
395	140	-1.67	-39.5	45.2
396	140	-1.56	-39.7	42.1
397	320	-1.62	-43.9	34.3
398	60	-1.50	-40.4	7.2
399	90	-1.80	-48.5	17.9
400	110	-1.53	-41.2	35.8
401	170	-2.10	-56.6	35.8
402	170	-2.15	-58.1	24.0
403	310	-2.93	-79.2	18.0
404	320	-2.86	-77.3	20.0
405	310	-2.34	-63.3	33.1
406	300	-1.89	-50.9	32.4
407	140	-2.02	-54.5	31.4
408	130	-1.50	-40.4	22.7
409	150	-1.77	-47.9	28.5
410	160	-1.93	-52.2	18.9
411	160	-2.09	-56.4	16.1
412	230	-1.87	-50.4	15.8
413	230	-1.81	-48.7	22.6
414	90	-2.08	-56.1	25.5
415	80	-2.18	-58.8	27.5
416	80	-1.97	-53.3	27.7
417	310	-2.76	-74.6	27.1
418	310	-2.49	-67.3	18.2
419	320	-1.49	-40.3	32.7
420	90	-1.84	-49.8	32.0
421	130	-1.99	-53.7	22.9
422	80	-1.79	-48.3	21.9
423	80	-1.50	-40.7	24.0
424	80	-1.97	-53.3	19.6
425	80	-1.97	-53.3	17.6
426	180	-1.66	-44.9	27.6
427	180	-1.62	-43.6	22.5
428	320	-2.26	-61.2	11.2
429	310	-2.47	-66.9	15.4
430	90	-1.44	-38.9	11.2
431	70	-1.19	-32.2	7.8
432	130	-1.96	-53.0	22.7

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----
434	130	-1.74	-47.0	17.1
435	140	-2.67	-72.1	13.5
436	140	-2.15	-58.1	10.3
437	180	-1.88	-50.1	15.1
438	180	-1.50	-40.6	16.1
439	80	-2.19	-59.1	15.1
440	80	-2.43	-65.5	13.5
441	80	-1.96	-53.0	13.8
442	80	-1.50	-40.6	18.8
443	80	-1.67	-45.0	19.4
444	90	-1.37	-37.0	20.4
445	80	-1.24	-33.4	20.6
446	80	-1.31	-35.4	22.1
447	90	-1.54	-41.6	9.5
448	80	-1.78	-48.1	9.4
449	90	-1.50	-40.6	9.3
450	180	-1.66	-44.9	9.3
451	190	-1.85	-50.0	7.9
452	320	-1.95	-52.7	8.8
453	320	-1.74	-46.9	10.1
454	310	-1.19	-32.1	9.2
455	90	-1.48	-39.9	12.5
456	90	-2.07	-55.9	18.5
457	90	-1.38	-37.3	16.6
458	90	-1.21	-32.6	16.4
459	90	-1.35	-36.5	16.2
460	90	-1.49	-40.1	21.2
461	130	-1.80	-48.6	9.1
462	80	-1.38	-37.2	9.8
463	80	-2.15	-58.1	8.2
464	80	-2.25	-60.8	12.2
465	190	-1.62	-43.7	11.2
466	190	-1.62	-43.7	13.3
467	90	-1.95	-52.7	11.4
468	80	-2.50	-67.5	8.2
469	80	-2.36	-63.7	8.8
470	80	-2.07	-55.9	8.9
471	100	-2.22	-59.9	8.5
472	80	-2.36	-63.7	8.8
473	190	-1.85	-50.0	8.8
474	80	-1.85	-50.0	8.8
475	190	-1.91	-51.6	9.0
476	80	-2.04	-55.1	8.5
477	80	-2.17	-58.6	8.8
478	70	-2.17	-58.6	8.8
479	190	-1.85	-50.0	8.8
480	190	-1.45	-39.1	8.2
481	190	-1.54	-41.6	8.2

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----
482	330	-1.20	-32.3	9.0
483	290	-1.15	-31.1	12.3
484	70	-1.09	-29.4	18.3
485	80	-1.15	-31.1	16.8
486	90	-1.78	-48.1	16.3
487	90	-1.36	-36.7	22.2
488	90	-1.32	-35.7	22.2
489	80	-1.50	-40.4	22.7
490	90	-1.31	-35.4	22
491	80	-1.77	-47.8	9.2
492	80	-1.40	-37.7	13.2
493	90	-1.60	-43.1	11.9
494	90	-1.46	-39.5	11.8
495	90	-1.12	-30.1	13.3
496	270	-1.09	-29.4	16.2
497	90	-1.43	-38.6	18.1
498	90	-1.78	-48.0	9.7
499	90	-1.83	-49.4	9.7
801	130	-.63	-16.9	16.2
802	290	-.58	-15.6	14.2
803	310	-.69	-18.7	12.3
804	280	-.57	-13.1	15.3
805	80	-1.30	-36.5	24.2
806	70	-1.50	-40.6	20.8
807	70	-1.61	-43.4	18.7
808	80	-1.39	-37.5	19.0
901	60	-1.93	-52.1	19.4
902	50	-1.71	-46.1	14.1
903	0	-2.13	-57.5	9.5
904	20	-1.98	-53.5	14.9
905	90	-1.98	-53.5	13.6
906	30	-1.73	-46.8	10.6
907	330	-1.55	-41.9	8.8
908	160	-1.73	-47.2	8.8
909	270	-2.64	-71.3	11.8
910	50	-1.82	-49.1	8.8
911	140	-1.53	-41.3	8.8
912	140	-2.39	-64.6	30.7
913	320	-1.97	-53.1	33.4
914	310	-4.28	-115.6	33.4
915	140	-1.24	-33.4	33.4
916	190	-1.86	-50.3	33.4
917	270	-1.96	-47.5	33.4
918	170	-2.16	-58.4	11.2
919	180	-2.45	-66.1	11.2
920	190	-1.99	-53.7	11.2
921	270	-1.72	-46.4	11.2
922	150	-1.4	-39.4	11.2

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : TWO DALLAS CENTRE
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 27.0 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----
923	290	-2.18	-58.7	10.1	926	350	-1.53	-41.3	6.2	929	320	-3.28	-88.4	36.2
924	160	-1.79	-48.4	10.9	927	150	-2.50	-67.6	36.4	930	140	1.48	-32.9	40.0
925	200	-1.50	-40.5	9.1	928	140	-2.96	-79.8	36.7					

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : TWO DALLAS CENTRE
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 27.0 PSF

* * 15 GREATEST PRESSURE COEFFICIENT MAGNITUDES * *

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----
914	130	-4.29	-115.8	34.8
118	340	-3.38	-91.2	29.3
929	320	-3.28	-88.4	36.2
928	140	-2.96	-79.8	36.7
403	310	-2.93	-79.2	18.0
319	190	-2.86	-77.4	27.4
404	320	-2.86	-77.3	20.0
301	10	-2.84	-76.7	28.2
101	200	-2.84	-76.5	25.9
391	310	-2.79	-75.4	33.7
351	170	-2.78	-75.0	15.3
417	310	-2.76	-74.6	17.1
343	200	-2.71	-73.1	21.9
325	10	-2.68	-72.3	38.5
435	140	-2.67	-72.1	13.5

TABLE 6A. PEAK LOADS FOR CONFIGURATION B : TWO DALLAS CENTRE
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 27.0 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----
301	12	-3.97	-107.1	28.4	403	306	-3.50	-94.6	19.5	928	140	-2.29	-61.8	40.9
319	212	-3.11	-83.9	27.1	404	302	-3.10	-83.6	22.4	929	318	-3.75	-101.3	40.0

TABLE 6A. PEAK LOADS FOR CONFIGURATION 8 : TWO DALLAS CENTRE
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 27.0 PSF

* * 6 GREATEST PRESSURE COEFFICIENT MAGNITUDES * *

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----
301	12	-3.97	-107.1	28.4
929	318	-3.75	-101.3	40.0
403	306	-3.50	-94.6	19.5
319	212	-3.11	-83.9	27.1
404	302	-3.10	-83.6	22.4
928	140	-2.29	-61.8	40.9

TABLE 6B. COMPARISON OF CONFIGURATIONS A AND B : TWO DALLAS CENTRE
TAPS WHERE NEGATIVE PEAK LOAD FOR CONFIG. B EXCEEDED THAT FOR CONFIG. A BY 5 PSF
REF. PRESSURE = 27.0 PSF

TAP	AZIMUTH	A CONFIG. PSF LOAD	AZIMUTH	B CONFIG. PSF LOAD
201	10	-76.7	12	-107.1
319	190	-77.4	212	-83.9
403	310	-79.2	306	-94.6
404	320	-77.3	302	-83.6
929	320	-88.4	318	-101.3

TABLE 7. BASE SHEAR AND MOMENT SUMMARY : TWO DALLAS CENTRE
CONFIGURATION A REFERENCE PRESSURE 27.0 GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

AZIMUTH	SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			ECCEN (%)	
	X	Y	X	Y	Z	X	Y
0	-875.7	-620.2	241.4	-399.9	21.9	-16	-12
10	-1619.8	-421.2	177.9	-741.3	44.2	-9	-19
20	-1583.0	-246.2	112.3	-724.3	40.2	-5	-18
30	-1454.8	-109.1	45.7	-609.2	43.2	-3	-22
40	-1199.1	513.9	-172.6	-396.2	18.0	-7	9
50	-2100.2	866.1	-322.2	-667.5	40.6	-9	12
60	-4016.5	1618.1	-598.0	-1346.4	82.1	-10	13
70	-4829.7	1575.1	-582.6	-1600.6	87.8	-7	12
80	-5065.8	1452.2	-537.2	-1623.5	98.9	-7	11
90	-4765.8	1501.5	-561.8	-1489.1	103.6	-8	11
100	-2755.8	1936.9	-731.9	-1138.0	83.0	-12	7
110	-2427.0	2342.7	-867.5	-703.8	43.0	-15	2
120	-1965.7	2140.6	-808.2	-578.8	14.1	-15	1
130	-1157.9	1971.4	-749.3	-330.4	14.3	-9	0
140	-108.5	1946.0	-729.5	16.2	13.2	-5	-1
150	575.7	1829.7	-705.7	229.8	17.2	-3	-1
160	1580.7	1464.7	-574.8	549.6	17.8	1	-4
170	1647.1	817.2	-304.3	548.3	14.3	1	-2
180	1702.9	476.2	-140.4	578.6	35.1	-7	1
190	1945.8	476.6	-145.5	670.6	37.1	-6	1
200	1685.1	445.6	-151.5	618.2	26.1	-5	1
210	1612.4	285.5	-103.7	613.2	25.3	-4	1
220	1518.6	93.5	-39.5	529.9	37.9	-1	0
230	1368.6	-221.3	89.0	472.9	37.6	1	-2
240	1450.2	-463.4	174.9	522.9	32.2	2	-4
250	1605.7	-666.6	244.1	564.8	30.2	4	-5
260	1503.8	-808.8	292.1	484.6	27.4	4	-6
270	1431.2	-1094.3	417.3	433.9	17.3	3	-8
280	1392.4	-1240.0	498.0	411.4	19.2	3	-9
290	1214.2	-1268.7	544.6	348.8	17.7	1	-9
300	849.2	-1327.3	563.4	224.0	6.1	0	-9
310	583.8	-1427.0	613.3	119.8	4.5	-1	-10
320	613.3	-1410.2	603.7	164.1	15.1	-1	-10
330	444.9	-1388.6	526.0	121.1	1.9	-1	-10
340	-44.4	-1388.0	485.4	-95.1	1.2	0	-10
350	-316.5	-1388.6	356.2	-172.4	10.6	-1	-10

TABLE 7. SHEAR AND MOMENT DIAGRAMS) TWO DALLAS CENTRE
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									-875.7	-620.2	241.4	-399.9	21.9
2ND	22.33	-5.6	-14.3	6179	5557	-.9	-2.6	-43	-9	-870.0	-605.9	227.7	-380.5	21.3
3RD	37.17	-4.2	-9.1	4104	3691	-1.0	-2.5	-38	-9	-865.8	-596.8	218.7	-367.6	21.0
4TH	49.17	-3.8	-7.1	3320	2986	-1.1	-2.4	-38	-11	-862.1	-589.6	211.6	-357.2	20.8
5TH	61.17	-4.0	-7.0	3320	2986	-1.2	-2.3	-37	-11	-858.0	-582.6	204.6	-346.9	20.5
6TH	73.17	-4.3	-6.8	3320	2986	-1.3	-2.3	-35	-12	-853.7	-575.9	197.6	-336.6	20.3
7TH	85.17	-4.6	-6.6	3320	2986	-1.4	-2.2	-33	-12	-849.1	-569.2	190.8	-326.4	20.0
8TH	97.17	-4.9	-6.5	3320	2986	-1.5	-2.2	-32	-13	-844.2	-562.7	184.0	-316.2	19.8
9TH	109.17	-5.3	-6.6	3320	2986	-1.6	-2.2	-31	-13	-838.9	-556.2	177.3	-306.1	19.5
10TH	121.17	-5.6	-6.6	3320	2986	-1.7	-2.2	-31	-14	-833.3	-549.6	170.6	-296.1	19.3
11TH	133.17	-5.9	-6.7	3320	2986	-1.8	-2.2	-30	-14	-827.4	-542.9	164.1	-286.2	19.0
12TH	145.17	-6.2	-6.7	3320	2986	-1.9	-2.3	-30	-15	-821.2	-536.2	157.6	-276.3	18.7
13TH	157.17	-6.5	-6.8	3320	2986	-2.0	-2.3	-29	-15	-814.7	-529.4	151.2	-266.4	18.4
14TH	169.17	-7.2	-6.5	3323	2439	-2.2	-2.7	-27	-16	-807.5	-522.9	144.9	-256.7	18.2
15TH	181.17	-7.6	-6.3	3326	1791	-2.3	-3.5	-27	-17	-800.0	-516.6	138.7	-247.1	17.8
16TH	193.17	-7.5	-6.6	3326	1791	-2.3	-3.7	-29	-17	-792.5	-510.0	132.5	-237.5	17.5
17TH	205.17	-7.4	-6.9	3326	1791	-2.2	-3.8	-31	-18	-785.0	-503.1	126.4	-228.0	17.2
18TH	217.17	-7.4	-7.2	3326	1791	-2.2	-4.0	-32	-18	-777.7	-495.9	120.4	-218.7	16.8
19TH	229.17	-7.3	-7.5	3326	1791	-2.2	-4.2	-34	-18	-770.4	-488.5	114.5	-209.4	16.5
20TH	241.17	-6.7	-7.8	3326	1791	-2.0	-4.3	-37	-17	-763.7	-480.7	108.7	-200.2	16.1
21ST	253.17	-5.8	-8.0	3326	1791	-1.7	-4.5	-41	-16	-757.9	-472.7	103.0	-191.0	15.7
22ND	265.17	-4.8	-8.3	3326	1791	-1.5	-4.7	-44	-14	-753.1	-464.3	97.4	-182.0	15.4
23RD	277.17	-3.9	-8.6	3326	1791	-1.2	-4.8	-47	-11	-749.2	-455.7	91.8	-173.0	15.0
24TH	289.17	-2.9	-8.9	3326	1791	-.9	-5.0	-49	-9	-746.2	-446.8	86.4	-164.0	14.6
25TH	301.17	-8.7	-9.8	3311	2907	-2.6	-3.4	-32	-15	-737.5	-437.0	81.1	-155.1	14.2
		-10.4	-10.3	3308	3152	-3.1	-3.3	-28	-15					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									-727.1	-426.7	75.9	-146.3	13.8
27TH	325.17	-10.8	-10.8	3308	3152	-3.3	-3.4	-26	-14	-716.3	-415.9	70.9	-137.6	13.4
28TH	337.17	-11.2	-11.3	3308	3152	-3.4	-3.6	-25	-13	-705.1	-404.5	66.0	-129.1	13.0
29TH	349.17	-11.6	-11.8	3308	3152	-3.5	-3.7	-24	-13	-693.4	-392.7	61.2	-120.7	12.6
30TH	361.17	-12.0	-12.3	3308	3152	-3.6	-3.9	-23	-12	-681.4	-380.4	56.5	-112.5	12.2
31ST	373.17	-12.4	-12.8	3308	3152	-3.8	-4.1	-22	-11	-669.0	-367.6	52.1	-104.4	11.8
32ND	385.17	-12.8	-13.3	3308	3152	-3.9	-4.2	-21	-11	-656.2	-354.3	47.7	-96.4	11.4
33RD	397.17	-13.4	-13.7	3308	3152	-4.1	-4.4	-20	-10	-642.8	-340.6	43.6	-88.6	11.0
34TH	409.17	-15.4	-14.0	3308	3152	-4.7	-4.4	-19	-11	-627.4	-326.6	39.6	-81.0	10.5
35TH	421.17	-17.3	-14.2	3308	3152	-5.2	-4.5	-17	-11	-610.1	-312.4	35.7	-73.6	10.1
36TH	433.17	-19.3	-14.5	3308	3152	-5.8	-4.6	-16	-12	-590.8	-297.9	32.1	-66.4	9.6
37TH	445.17	-21.2	-14.7	3308	3152	-6.4	-4.7	-15	-12	-569.6	-283.2	28.6	-59.4	9.1
38TH	457.17	-23.2	-15.0	3308	3152	-7.0	-4.7	-15	-12	-546.4	-268.2	25.3	-52.7	8.5
39TH	469.17	-25.1	-15.2	3308	3152	-7.6	-4.8	-14	-12	-521.3	-253.0	22.1	-46.3	8.0
40TH	481.17	-27.0	-15.5	3308	3152	-8.2	-4.9	-13	-12	-494.3	-237.6	19.2	-40.2	7.4
41ST	493.17	-29.0	-15.7	3308	3152	-8.8	-5.0	-12	-12	-465.3	-221.9	16.4	-34.5	6.7
42ND	505.17	-30.9	-16.1	3308	3152	-9.4	-5.1	-11	-12	-434.4	-205.8	13.9	-29.1	6.1
43RD	517.17	-33.0	-16.6	3308	3152	-10.0	-5.3	-10	-11	-401.4	-189.1	11.5	-24.0	5.4
44TH	529.17	-35.1	-17.2	3308	3152	-10.6	-5.5	-9	-10	-366.3	-172.0	9.3	-19.4	4.8
45TH	541.17	-37.2	-17.7	3308	3152	-11.2	-5.6	-9	-10	-329.1	-154.2	7.4	-15.3	4.2
46TH	553.17	-39.3	-18.3	3308	3152	-11.9	-5.8	-8	-9	-289.8	-135.9	5.6	-11.6	3.6
47TH	565.17	-41.4	-18.8	3308	3152	-12.5	-6.0	-7	-9	-248.4	-117.1	4.1	-8.3	3.0
48TH	577.17	-43.5	-19.4	3308	3152	-13.1	-6.1	-7	-8	-204.9	-97.7	2.8	-5.6	2.4
49TH	589.17	-45.5	-19.9	3308	3152	-13.8	-6.3	-6	-8	-159.4	-77.8	1.8	-3.4	1.8
50TH	601.17	-47.6	-20.5	3308	3152	-14.4	-6.5	-6	-7	-111.8	-57.3	1.0	-1.8	1.2
		-44.0	-20.5	3308	3152	-13.3	-6.5	-6	-7					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
51ST	613.17									-67.8	-36.8	.4	-.7	.7
		-39.2	-29.3	3308	3152	-11.9	-6.4	-6	-6					
MECH	625.17									-28.5	-16.5	.1	-.1	.3
		-28.5	-16.5	2711	2583	-10.5	-6.4	-6	-6					
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; TWO DALLAS CENTRE
WIND DIRECTION 10 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									-1619.8	-421.7	177.9	-741.3	44.2
2ND	22.33	-13.6	-4.7	6179	5557	-2.2	-.8	-3	-5	-1606.2	-417.0	168.6	-705.3	44.1
3RD	37.17	-8.5	-4.1	4104	3691	-2.1	-1.1	-3	-4	-1597.7	-412.9	162.4	-681.5	44.1
4TH	49.17	-6.9	-3.6	3320	2986	-2.1	-1.2	-5	-5	-1590.9	-409.3	157.5	-662.4	44.0
5TH	61.17	-6.7	-4.2	3320	2986	-2.0	-1.4	-7	-6	-1584.2	-405.1	152.6	-643.4	43.9
6TH	73.17	-6.5	-4.7	3320	2986	-1.9	-1.6	-9	-7	-1577.7	-400.5	147.8	-624.4	43.8
7TH	85.17	-6.2	-5.2	3320	2986	-1.9	-1.7	-11	-7	-1571.5	-395.3	143.0	-605.5	43.7
8TH	97.17	-6.1	-5.6	3320	2986	-1.8	-1.9	-13	-8	-1565.4	-389.7	138.3	-586.7	43.6
9TH	109.17	-6.2	-5.8	3320	2986	-1.9	-1.9	-17	-10	-1559.2	-383.9	133.7	-567.9	43.5
10TH	121.17	-6.2	-6.0	3320	2986	-1.9	-2.0	-20	-11	-1552.9	-377.9	129.1	-549.2	43.3
11TH	133.17	-6.3	-6.1	3320	2986	-1.9	-2.1	-23	-13	-1546.7	-371.8	124.6	-530.6	43.1
12TH	145.17	-6.3	-6.3	3320	2986	-1.9	-2.1	-26	-14	-1540.3	-365.5	120.2	-512.1	42.8
13TH	157.17	-6.4	-6.5	3320	2986	-1.9	-2.2	-30	-16	-1534.0	-359.0	115.8	-493.7	42.5
14TH	169.17	-6.8	-6.5	3323	2439	-2.1	-2.7	-30	-17	-1527.1	-352.5	111.5	-475.3	42.2
15TH	181.17	-7.7	-6.4	3326	1791	-2.3	-3.6	-28	-18	-1519.4	-346.1	107.3	-457.0	41.9
16TH	193.17	-8.4	-6.2	3326	1791	-2.5	-3.4	-27	-20	-1511.0	-339.9	103.2	-438.9	41.6
17TH	205.17	-9.0	-5.9	3326	1791	-2.7	-3.3	-27	-22	-1502.0	-334.0	99.2	-420.8	41.2
18TH	217.17	-9.6	-5.7	3326	1791	-2.9	-3.2	-26	-23	-1492.3	-328.3	95.2	-402.8	40.8
19TH	229.17	-10.3	-5.4	3326	1791	-3.1	-3.0	-24	-25	-1482.1	-322.9	91.3	-385.0	40.3
20TH	241.17	-10.4	-5.2	3326	1791	-3.1	-2.9	-25	-27	-1471.7	-317.8	87.5	-367.2	39.8
21ST	253.17	-10.1	-4.9	3326	1791	-3.0	-2.7	-27	-30	-1461.6	-312.9	83.7	-349.6	39.3
22ND	265.17	-9.8	-4.7	3326	1791	-3.0	-2.6	-29	-33	-1451.7	-308.2	80.0	-332.2	38.8
23RD	277.17	-9.5	-4.4	3326	1791	-2.9	-2.5	-32	-37	-1442.2	-303.8	76.3	-314.8	38.2
24TH	289.17	-9.3	-4.2	3326	1791	-2.8	-2.3	-34	-40	-1432.9	-299.6	72.7	-297.5	37.6
25TH	301.17	-18.8	-3.8	3311	2907	-5.7	-1.3	-10	-27	-1414.2	-295.9	69.1	-280.5	36.8
		-22.4	-3.6	3308	3152	-6.8	-1.2	-8	-25					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 10 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									-1391.8	-292.2	65.6	-263.6	36.0
27TH	325.17	-24.1	-3.6	3308	3152	-7.3	-1.1	-7	-25	-1367.7	-288.7	62.1	-247.1	35.2
28TH	337.17	-25.9	-3.5	3308	3152	-7.8	-1.1	-6	-24	-1341.8	-285.2	58.6	-230.8	34.3
29TH	349.17	-27.6	-3.4	3308	3152	-8.4	-1.1	-6	-24	-1314.1	-281.8	55.2	-214.9	33.4
30TH	361.17	-29.4	-3.3	3308	3152	-8.9	-1.1	-5	-24	-1284.7	-278.5	51.9	-199.3	32.4
31ST	373.17	-31.2	-3.2	3308	3152	-9.4	-1.0	-5	-24	-1253.6	-275.2	48.5	-184.1	31.4
32ND	385.17	-32.9	-3.2	3308	3152	-9.9	-1.0	-4	-23	-1220.7	-272.1	45.3	-169.2	30.3
33RD	397.17	-34.8	-3.1	3308	3152	-10.5	-1.0	-4	-23	-1185.9	-268.9	42.0	-154.8	29.2
34TH	409.17	-37.7	-3.8	3308	3152	-11.4	-1.2	-4	-23	-1148.2	-265.2	38.8	-140.8	28.0
35TH	421.17	-40.5	-4.4	3308	3152	-12.2	-1.4	-5	-22	-1107.7	-260.7	35.7	-127.2	26.7
36TH	433.17	-43.4	-5.1	3308	3152	-13.1	-1.6	-5	-22	-1064.3	-255.6	32.6	-114.2	25.4
37TH	445.17	-46.2	-5.7	3308	3152	-14.0	-1.8	-5	-21	-1018.1	-249.9	29.5	-101.7	24.0
38TH	457.17	-49.0	-6.4	3308	3152	-14.8	-2.0	-5	-21	-969.1	-243.5	26.6	-89.8	22.6
39TH	469.17	-51.9	-7.0	3308	3152	-15.7	-2.2	-5	-21	-917.2	-236.5	23.7	-78.5	21.1
40TH	481.17	-54.7	-7.7	3308	3152	-16.5	-2.4	-5	-20	-862.5	-228.8	20.9	-67.8	19.5
41ST	493.17	-57.6	-8.3	3308	3152	-17.4	-2.6	-5	-20	-804.9	-220.5	18.2	-57.8	17.9
42ND	505.17	-60.1	-9.5	3308	3152	-18.2	-3.0	-6	-19	-744.8	-211.0	15.6	-48.5	16.2
43RD	517.17	-62.4	-11.3	3308	3152	-18.9	-3.6	-6	-18	-682.3	-199.7	13.1	-39.9	14.6
44TH	529.17	-64.7	-13.1	3308	3152	-19.6	-4.2	-7	-17	-617.6	-186.6	10.8	-32.1	13.0
45TH	541.17	-67.0	-14.9	3308	3152	-20.3	-4.7	-7	-16	-550.5	-171.7	8.7	-25.1	11.4
46TH	553.17	-69.3	-16.7	3308	3152	-21.0	-5.3	-7	-16	-481.2	-155.0	6.7	-18.9	9.8
47TH	565.17	-71.6	-18.5	3308	3152	-21.7	-5.9	-7	-15	-409.6	-136.5	5.0	-13.6	8.2
48TH	577.17	-73.9	-20.3	3308	3152	-22.4	-6.4	-7	-14	-335.6	-116.3	3.5	-9.1	6.7
49TH	589.17	-76.2	-22.0	3308	3152	-23.0	-7.0	-7	-13	-259.4	-94.2	2.2	-5.5	5.1
50TH	601.17	-78.5	-23.8	3308	3152	-23.7	-7.6	-7	-13	-180.9	-70.4	1.2	-2.9	3.6
		-71.9	-24.6	3308	3152	-21.7	-7.8	-8	-13					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 10 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
51ST	613.17	-63.4	-25.0	3308	3152	-19.2	-7.9	-9	-13	-109.0	-45.8	.5	-1.2	2.2
MECH	625.17	-45.6	-20.8	2711	2583	-16.8	-8.1	-11	-13	-45.6	-20.8	.1	-.2	1.0
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									-1583.0	-246.2	112.3	-724.3	40.0
2ND	22.33	-8.8	-.9	6179	5557	-1.4	-.2	-1	-3	-1574.2	-245.3	106.9	-689.0	40.0
3RD	37.17	-5.0	-.6	4104	3691	-1.2	-.2	1	3	-1569.2	-244.7	103.2	-665.7	40.0
4TH	49.17	-3.6	-.9	3320	2986	-1.1	-.3	0	1	-1565.6	-243.8	100.3	-646.9	40.0
5TH	61.17	-3.4	-1.3	3320	2986	-1.0	-.4	-1	-2	-1562.2	-242.4	97.4	-628.1	40.0
6TH	73.17	-3.1	-1.7	3320	2986	-.9	-.6	-5	-4	-1559.1	-240.7	94.5	-609.4	40.0
7TH	85.17	-2.8	-2.1	3320	2986	-.8	-.7	-9	-7	-1556.3	-238.6	91.6	-590.7	39.9
8TH	97.17	-3.0	-2.4	3320	2986	-.9	-.8	-14	-9	-1553.3	-236.2	88.8	-572.1	39.9
9TH	109.17	-4.0	-2.6	3320	2986	-1.2	-.9	-15	-12	-1549.3	-233.5	85.9	-553.4	39.8
10TH	121.17	-4.9	-2.8	3320	2986	-1.5	-.9	-16	-15	-1544.5	-230.7	83.1	-534.9	39.6
11TH	133.17	-5.8	-3.0	3320	2986	-1.7	-1.0	-16	-17	-1538.7	-227.7	80.4	-516.4	39.5
12TH	145.17	-6.7	-3.2	3320	2986	-2.0	-1.1	-16	-18	-1531.9	-224.5	77.7	-498.0	39.3
13TH	157.17	-7.7	-3.4	3320	2986	-2.3	-1.1	-16	-19	-1524.3	-221.2	75.0	-479.6	39.0
14TH	169.17	-9.1	-3.4	3323	2439	-2.7	-1.4	-13	-18	-1515.2	-217.8	72.4	-461.4	38.8
15TH	181.17	-10.3	-3.3	3326	1791	-3.1	-1.9	-11	-18	-1504.9	-214.4	69.8	-443.3	38.5
16TH	193.17	-10.7	-3.1	3326	1791	-3.2	-1.7	-11	-20	-1494.2	-211.3	67.2	-425.3	38.2
17TH	205.17	-11.1	-2.9	3326	1791	-3.3	-1.6	-11	-22	-1483.1	-208.4	64.7	-407.4	37.8
18TH	217.17	-11.5	-2.7	3326	1791	-3.5	-1.5	-10	-23	-1471.6	-205.7	62.2	-389.7	37.4
19TH	229.17	-11.9	-2.5	3326	1791	-3.6	-1.4	-10	-24	-1459.7	-203.1	59.8	-372.1	37.0
20TH	241.17	-11.8	-2.3	3326	1791	-3.6	-1.3	-10	-27	-1447.8	-200.8	57.4	-354.6	36.5
21ST	253.17	-11.3	-2.1	3326	1791	-3.4	-1.2	-10	-30	-1436.5	-198.6	55.0	-337.3	36.1
22ND	265.17	-10.8	-1.9	3326	1791	-3.2	-1.1	-11	-33	-1425.7	-196.7	52.6	-320.2	35.6
23RD	277.17	-10.3	-1.8	3326	1791	-3.1	-1.0	-12	-37	-1415.4	-194.9	50.2	-303.1	35.0
24TH	289.17	-9.8	-1.6	3326	1791	-2.9	-.9	-12	-41	-1405.7	-193.4	47.9	-286.2	34.4
25TH	301.17	-21.6	-1.1	3311	2907	-6.5	-.4	-2	-22	-1384.1	-192.2	45.6	-269.4	33.8
		-25.6	-1.2	3308	3152	-7.7	-.4	-2	-20					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									-1358.5	-191.1	43.3	-253.0	33.1
		-27.2	-1.3	3308	3152	-8.2	-.4	-2	-20					
27TH	325.17									-1331.4	-189.7	41.9	-236.9	32.4
		-28.8	-1.4	3308	3152	-8.7	-.5	-2	-20					
28TH	337.17									-1302.6	-188.3	38.7	-221.0	31.6
		-30.4	-1.6	3308	3152	-9.2	-.5	-2	-20					
29TH	349.17									-1272.1	-186.7	36.5	-205.6	30.7
		-32.0	-1.7	3308	3152	-9.7	-.5	-2	-20					
30TH	361.17									-1240.1	-185.1	34.3	-190.5	29.8
		-33.6	-1.8	3308	3152	-10.2	-.6	-2	-20					
31ST	373.17									-1206.5	-183.2	32.0	-175.8	28.9
		-35.3	-1.9	3308	3152	-10.7	-.6	-2	-20					
32ND	385.17									-1171.2	-181.3	29.9	-161.6	27.9
		-36.8	-2.1	3308	3152	-11.1	-.7	-2	-20					
33RD	397.17									-1134.4	-179.2	27.7	-147.7	26.8
		-38.8	-2.6	3308	3152	-11.7	-.8	-2	-20					
34TH	409.17									-1095.6	-176.6	25.6	-134.4	25.7
		-40.9	-3.0	3308	3152	-12.4	-1.0	-3	-20					
35TH	421.17									-1054.7	-173.6	23.5	-121.5	24.6
		-43.0	-3.5	3308	3152	-13.0	-1.1	-3	-20					
36TH	433.17									-1011.7	-170.1	21.4	-109.1	23.4
		-45.0	-4.0	3308	3152	-13.6	-1.3	-3	-20					
37TH	445.17									-966.7	-166.2	19.4	-97.2	22.2
		-47.1	-4.4	3308	3152	-14.2	-1.4	-3	-19					
38TH	457.17									-919.6	-161.7	17.4	-85.9	20.9
		-49.1	-4.9	3308	3152	-14.9	-1.6	-4	-19					
39TH	469.17									-870.5	-156.9	15.5	-75.1	19.6
		-51.2	-5.4	3308	3152	-15.5	-1.7	-4	-19					
40TH	481.17									-819.3	-151.5	13.6	-65.0	18.2
		-53.2	-5.8	3308	3152	-16.1	-1.8	-4	-19					
41ST	493.17									-766.1	-145.7	11.9	-55.5	16.8
		-55.6	-6.6	3308	3152	-16.8	-2.1	-4	-18					
42ND	505.17									-710.4	-139.1	10.2	-46.6	15.4
		-58.1	-7.8	3308	3152	-17.6	-2.5	-4	-18					
43RD	517.17									-652.3	-131.3	8.5	-38.5	13.9
		-60.6	-8.9	3308	3152	-18.3	-2.8	-5	-17					
44TH	529.17									-591.8	-122.4	7.0	-31.0	12.5
		-63.1	-10.1	3308	3152	-19.1	-3.2	-5	-16					
45TH	541.17									-528.7	-112.3	5.6	-24.3	11.0
		-65.6	-11.2	3308	3152	-19.8	-3.6	-5	-16					
46TH	553.17									-463.1	-101.1	4.3	-18.3	9.5
		-68.0	-12.4	3308	3152	-20.6	-3.9	-5	-15					
47TH	565.17									-395.1	-88.7	3.2	-13.2	8.1
		-70.5	-13.5	3308	3152	-21.3	-4.3	-5	-15					
48TH	577.17									-324.6	-75.2	2.2	-8.8	6.6
		-73.0	-14.7	3308	3152	-22.1	-4.7	-5	-14					
49TH	589.17									-251.6	-60.5	1.4	-5.4	5.1
		-75.5	-15.8	3308	3152	-22.8	-5.0	-5	-14					
50TH	601.17									-176.1	-44.7	8	-2.8	3.6
		-69.6	-16.0	3308	3152	-21.0	-5.1	-6	-14					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
51ST	613.17	-61.8	-15.9	3308	3152	-18.7	-5.0	-7	-14	-106.6	-28.7	.3	-1.1	2.2
MECH	625.17	-44.8	-12.9	2711	2583	-16.5	-5.0	-7	-14	-44.8	-12.9	.1	-.2	.9
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 30 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									-1454.8	-109.1	45.7	-609.2	43.7
2ND	22.33	-13.4	1.0	6179	5557	-2.2	.2	1	-8	-1441.4	-110.0	43.3	-576.9	43.5
3RD	37.17	-8.0	.5	4104	3691	-2.0	.1	1	-5	-1433.4	-110.5	41.6	-555.5	43.5
4TH	49.17	-6.1	-.5	3320	2986	-1.8	-.2	-1	-7	-1427.3	-110.0	40.3	-538.4	43.4
5TH	61.17	-5.9	-1.0	3320	2986	-1.8	-.3	-3	-9	-1421.4	-109.0	39.0	-521.3	43.3
6TH	73.17	-5.6	-1.6	3320	2986	-1.7	-.5	-6	-12	-1415.8	-107.4	37.7	-504.3	43.2
7TH	85.17	-5.3	-2.1	3320	2986	-1.6	-.7	-10	-14	-1410.5	-105.3	36.4	-487.3	43.1
8TH	97.17	-5.6	-2.5	3320	2986	-1.7	-.8	-13	-15	-1405.0	-102.9	35.2	-470.4	43.0
9TH	109.17	-6.7	-2.6	3320	2986	-2.0	-.9	-13	-17	-1398.3	-100.3	33.9	-453.6	42.8
10TH	121.17	-7.8	-2.7	3320	2986	-2.4	-.9	-12	-19	-1390.4	-97.6	32.8	-436.9	42.6
11TH	133.17	-9.0	-2.8	3320	2986	-2.7	-.9	-12	-20	-1381.5	-94.9	31.6	-420.2	42.3
12TH	145.17	-10.1	-2.9	3320	2986	-3.0	-1.0	-11	-21	-1371.4	-92.0	30.5	-403.7	42.0
13TH	157.17	-11.2	-3.0	3320	2986	-3.4	-1.0	-11	-22	-1360.2	-89.0	29.4	-387.3	41.6
14TH	169.17	-13.0	-2.7	3323	2439	-3.9	-1.1	-9	-22	-1347.2	-86.3	28.3	-371.1	41.2
15TH	181.17	-14.9	-2.3	3326	1791	-4.5	-1.3	-6	-22	-1332.3	-84.1	27.3	-355.0	40.7
16TH	193.17	-16.2	-2.2	3326	1791	-4.9	-1.2	-6	-23	-1316.1	-81.9	26.3	-339.1	40.2
17TH	205.17	-17.4	-2.0	3326	1791	-5.2	-1.1	-5	-23	-1298.7	-79.8	25.4	-323.4	39.6
18TH	217.17	-18.6	-1.9	3326	1791	-5.6	-1.1	-5	-24	-1280.1	-77.9	24.4	-308.0	39.0
19TH	229.17	-19.9	-1.8	3326	1791	-6.0	-1.0	-4	-24	-1260.2	-76.1	23.5	-292.7	38.4
20TH	241.17	-20.7	-1.7	3326	1791	-6.2	-1.0	-4	-24	-1239.5	-74.4	22.6	-277.7	37.7
21ST	253.17	-21.4	-1.6	3326	1791	-6.4	-.9	-3	-24	-1218.1	-72.8	21.7	-263.0	37.0
22ND	265.17	-22.0	-1.5	3326	1791	-6.6	-.8	-3	-24	-1196.2	-71.3	20.8	-248.5	36.2
23RD	277.17	-22.6	-1.4	3326	1791	-6.8	-.8	-3	-24	-1173.6	-69.9	20.0	-234.3	35.5
24TH	289.17	-23.2	-1.3	3326	1791	-7.0	-.7	-2	-24	-1150.4	-68.7	19.2	-220.3	34.7
25TH	301.17	-27.4	-1.0	3311	2907	-8.3	-.3	-1	-21	-1123.0	-67.7	18.3	-206.7	33.9
		-28.7	-.8	3308	3152	-8.7	-.2	-1	-21					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 30 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									-1094.2	-66.9	17.5	-193.4	33.0
27TH	325.17	-29.3	-.6	3308	3152	-8.8	-.2	-1	-22	-1064.9	-66.3	16.7	-180.4	32.1
28TH	337.17	-29.8	-.4	3308	3152	-9.0	-.1	-1	-22	-1035.1	-65.9	15.9	-167.8	31.2
29TH	349.17	-30.3	-.3	3308	3152	-9.2	-.1	-0	-23	-1004.8	-65.6	15.1	-155.6	30.3
30TH	361.17	-30.9	-.1	3308	3152	-9.3	-.0	-0	-23	-973.9	-65.6	14.4	-143.7	29.3
31ST	373.17	-31.4	.1	3308	3152	-9.5	.0	0	-24	-942.6	-65.6	13.6	-132.2	28.2
32ND	385.17	-31.9	.3	3308	3152	-9.6	.1	0	-24	-910.7	-65.9	12.8	-121.1	27.2
33RD	397.17	-32.6	.4	3308	3152	-9.9	.1	1	-25	-878.0	-66.3	12.0	-110.4	26.1
34TH	409.17	-33.9	.3	3308	3152	-10.3	.1	0	-24	-844.1	-66.6	11.2	-100.0	24.9
35TH	421.17	-35.3	.2	3308	3152	-10.7	.0	0	-24	-808.8	-66.7	10.4	-90.1	23.7
36TH	433.17	-36.6	.0	3308	3152	-11.1	.0	0	-24	-772.2	-66.8	9.6	-80.6	22.5
37TH	445.17	-37.9	-.1	3308	3152	-11.5	-.0	-0	-24	-734.3	-66.7	8.8	-71.6	21.3
38TH	457.17	-39.2	-.2	3308	3152	-11.9	-.1	-0	-24	-695.1	-66.5	8.0	-63.0	20.0
39TH	469.17	-40.6	-.3	3308	3152	-12.3	-.1	-0	-23	-654.5	-66.1	7.2	-54.9	18.7
40TH	481.17	-41.9	-.5	3308	3152	-12.7	-.1	-0	-23	-612.6	-65.6	6.4	-47.3	17.3
41ST	493.17	-43.2	-.6	3308	3152	-13.1	-.2	-1	-23	-569.4	-65.1	5.6	-40.2	16.0
42ND	505.17	-44.6	-1.1	3308	3152	-13.5	-.4	-1	-23	-524.9	-63.9	4.8	-33.6	14.6
43RD	517.17	-45.8	-2.1	3308	3152	-13.9	-.7	-2	-22	-479.0	-61.9	4.1	-27.6	13.2
44TH	529.17	-47.1	-3.1	3308	3152	-14.2	-1.0	-3	-22	-431.9	-58.8	3.4	-22.2	11.8
45TH	541.17	-48.4	-4.0	3308	3152	-14.6	-1.3	-3	-21	-383.5	-54.8	2.7	-17.3	10.3
46TH	553.17	-49.7	-5.0	3308	3152	-15.0	-1.6	-4	-21	-333.8	-49.8	2.1	-13.0	8.9
47TH	565.17	-51.0	-6.0	3308	3152	-15.4	-1.9	-4	-20	-282.9	-43.8	1.5	-9.3	7.5
48TH	577.17	-52.2	-6.9	3308	3152	-15.8	-2.2	-5	-20	-230.6	-36.9	1.0	-6.2	6.1
49TH	589.17	-53.5	-7.9	3308	3152	-16.2	-2.5	-5	-19	-177.1	-29.0	.6	-3.7	4.6
50TH	601.17	-54.8	-8.9	3308	3152	-16.6	-2.8	-6	-19	-122.3	-20.2	.3	-1.9	3.2
		-49.4	-8.2	3308	3152	-14.9	-2.6	-6	-18					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 30 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
51ST	613.17									-72.9	-11.9	.1	-.8	1.9
		-42.8	-7.1	3308	3152	-12.9	-2.2	-6	-18					
MECH	625.17									-30.1	-4.9	.0	-.1	.8
		-30.1	-4.9	2711	2583	-11.1	-1.9	-6	-18					
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									-1189.1	513.9	-172.6	-396.0	-18.0
2ND	22.33	-24.7	1.3	6179	5557	-4.0	.2	-1	5	-1164.4	512.6	-161 1	-369.7	-17.8
3RD	37.17	-15.8	.7	4104	3691	-3.9	.2	-1	8	-1148.6	511.9	-153.5	-352.5	-17.6
4TH	49.17	-12.7	-.2	3320	2986	-3.8	-.1	0	7	-1135.9	512.1	-147.4	-338.8	-17.5
5TH	61.17	-12.6	-.6	3320	2986	-3.8	-.2	1	7	-1123.3	512.6	-141.3	-325.3	-17.4
6TH	73.17	-12.5	-.9	3320	2986	-3.8	-.3	1	8	-1110.8	513.6	-135.1	-311.9	-17.3
7TH	85.17	-12.3	-1.3	3320	2986	-3.7	-.4	2	8	-1098.5	514.9	-128.9	-298.6	-17.1
8TH	97.17	-12.7	-1.2	3320	2986	-3.8	-.4	2	9	-1085.8	516.0	-122.7	-285.5	-17.0
9TH	109.17	-13.8	.9	3320	2986	-4.2	.3	-1	11	-1072.0	515.2	-116.6	-272.5	-16.8
10TH	121.17	-15.0	2.9	3320	2986	-4.5	1.0	-4	12	-1057.0	512.3	-110.4	-259.8	-16.5
11TH	133.17	-16.1	4.9	3320	2986	-4.8	1.6	-7	13	-1040.9	507.4	-104.3	-247.2	-16.2
12TH	145.17	-17.2	6.9	3320	2986	-5.2	2.3	-10	13	-1023.7	500.5	-98.2	-234.8	-15.8
13TH	157.17	-18.4	8.9	3320	2986	-5.5	3.0	-12	13	-1005.3	491.6	-92.3	-222.6	-15.4
14TH	169.17	-19.4	11.1	3323	2439	-5.9	4.6	-15	14	-985.9	480.4	-86.4	-210.7	-14.9
15TH	181.17	-20.7	12.8	3326	1791	-6.2	7.2	-17	15	-965.2	467.6	-80.8	-199.0	-14.3
16TH	193.17	-22.2	13.5	3326	1791	-6.7	7.5	-17	15	-942.9	454.1	-75.2	-187.5	-13.7
17TH	205.17	-23.8	14.2	3326	1791	-7.1	7.9	-17	15	-919.2	439.9	-69.9	-176.3	-13.0
18TH	217.17	-25.3	14.9	3326	1791	-7.6	8.3	-17	15	-893.9	424.9	-64.7	-165.5	-12.3
19TH	229.17	-26.8	15.6	3326	1791	-8.0	8.7	-17	16	-867.1	409.3	-59.7	-154.9	-11.5
20TH	241.17	-28.2	16.3	3326	1791	-8.5	9.1	-17	16	-839.0	393.0	-54.8	-144.7	-10.7
21ST	253.17	-29.5	17.0	3326	1791	-8.9	9.5	-17	15	-809.5	375.9	-50.2	-134.8	-9.9
22ND	265.17	-30.8	17.7	3326	1791	-9.3	9.9	-16	15	-778.6	358.2	-45.8	-125.2	-9.0
23RD	277.17	-32.2	18.4	3326	1791	-9.7	10.3	-16	15	-746.5	339.7	-41.6	-116.1	-8.1
24TH	289.17	-33.5	19.2	3326	1791	-10.1	10.7	-16	15	-713.0	320.6	-37.7	-107.3	-7.2
25TH	301.17	-34.9	18.9	3311	2907	-10.5	6.5	-14	14	-678.1	301.7	-33.9	-99.0	-6.3
		-34.5	18.9	3308	3152	-10.4	6.0	-14	14					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									-643.6	282.8	-30.4	-91.1	-5.4
27TH	325.17	-33.8	18.9	3308	3152	-10.2	6.0	-14	14	-609.8	263.8	-27.2	-83.5	-4.6
28TH	337.17	-33.1	18.9	3308	3152	-10.0	6.0	-14	13	-576.7	244.9	-24.1	-76.4	-3.8
29TH	349.17	-32.4	19.0	3308	3152	-9.8	6.0	-14	13	-544.3	226.0	-21.3	-69.7	-3.0
30TH	361.17	-31.7	19.0	3308	3152	-9.6	6.0	-14	13	-512.6	207.0	-18.7	-63.4	-2.3
31ST	373.17	-31.0	19.0	3308	3152	-9.4	6.0	-14	12	-481.5	188.0	-16.3	-57.4	-1.6
32ND	385.17	-30.4	19.0	3308	3152	-9.2	6.0	-14	12	-451.2	169.0	-14.2	-51.8	-.9
33RD	397.17	-29.4	18.9	3308	3152	-8.9	6.0	-13	11	-421.8	150.1	-12.3	-46.6	-.3
34TH	409.17	-28.2	17.4	3308	3152	-8.5	5.5	-12	10	-393.6	132.7	-10.6	-41.7	.3
35TH	421.17	-27.0	15.9	3308	3152	-8.2	5.0	-10	9	-366.6	116.8	-9.1	-37.1	.7
36TH	433.17	-25.8	14.4	3308	3152	-7.8	4.6	-8	8	-340.8	102.4	-7.8	-32.9	1.1
37TH	445.17	-24.6	12.9	3308	3152	-7.4	4.1	-7	7	-316.2	89.6	-6.6	-28.9	1.4
38TH	457.17	-23.4	11.3	3308	3152	-7.1	3.6	-5	5	-292.9	78.2	-5.6	-25.3	1.6
39TH	469.17	-22.2	9.8	3308	3152	-6.7	3.1	-3	3	-270.7	68.4	-4.7	-21.9	1.8
40TH	481.17	-21.0	8.3	3308	3152	-6.3	2.6	-1	1	-249.7	60.1	-3.9	-18.8	1.8
41ST	493.17	-19.7	6.8	3308	3152	-6.0	2.2	1	-1	-230.0	53.3	-3.3	-15.9	1.8
42ND	505.17	-19.5	5.9	3308	3152	-5.9	1.9	1	-2	-210.5	47.3	-2.7	-13.2	1.7
43RD	517.17	-19.7	5.7	3308	3152	-6.0	1.8	2	-3	-190.8	41.6	-2.1	-10.8	1.6
44TH	529.17	-19.9	5.5	3308	3152	-6.0	1.7	2	-3	-170.9	36.1	-1.7	-8.7	1.5
45TH	541.17	-20.1	5.3	3308	3152	-6.1	1.7	2	-4	-150.8	30.9	-1.3	-6.7	1.4
46TH	553.17	-20.3	5.0	3308	3152	-6.1	1.6	2	-4	-130.5	25.8	-.9	-5.0	1.3
47TH	565.17	-20.5	4.8	3308	3152	-6.2	1.5	2	-5	-110.1	21.0	-.6	-3.6	1.1
48TH	577.17	-20.7	4.6	3308	3152	-6.2	1.5	2	-5	-89.4	16.4	-.4	-2.4	1.0
49TH	589.17	-20.8	4.4	3308	3152	-6.3	1.4	2	-5	-68.6	12.1	-.2	-1.5	.8
50TH	601.17	-21.0	4.1	3308	3152	-6.4	1.3	2	-6	-47.6	7.9	-.1	-.8	.6
		-19.1	3.5	3308	3152	-5.8	1.1	3	-7					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
51ST	613.17	-16.6	2.7	3308	3152	-5.0	.9	3	-10	-28.5	4.4	-.0	-.3	.4
MECH	625.17	-11.8	1.7	2711	2583	-4.4	.6	3	-13	-11.8	1.7	-.0	-.1	.2
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; TWO DALLAS CENTRE
WIND DIRECTION 50 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									-2100.2	866.9	-322.2	-667.5	-40.6
2ND	22.33	-62.3	15.1	6179	5557	-10.1	2.7	-3	8	-2037.9	851.8	-303.0	-621.3	-39.9
3RD	37.17	-40.4	10.6	4104	3691	-9.9	2.9	-5	10	-1997.5	841.3	-290.4	-591.3	-39.3
4TH	49.17	-32.4	8.0	3320	2986	-9.8	2.7	-5	10	-1965.1	833.3	-280.4	-567.5	-38.8
5TH	61.17	-32.3	7.7	3320	2986	-9.7	2.6	-5	11	-1932.9	825.5	-270.4	-544.2	-38.3
6TH	73.17	-32.1	7.4	3320	2986	-9.7	2.5	-5	12	-1900.7	818.2	-260.5	-521.2	-37.7
7TH	85.17	-31.9	7.1	3320	2986	-9.6	2.4	-5	12	-1868.8	811.1	-250.8	-498.5	-37.2
8TH	97.17	-32.3	6.9	3320	2986	-9.7	2.3	-5	12	-1836.6	804.1	-241.1	-476.3	-36.6
9TH	109.17	-33.6	7.4	3320	2986	-10.1	2.5	-5	12	-1803.0	796.7	-231.5	-454.5	-36.0
10TH	121.17	-34.8	7.9	3320	2986	-10.5	2.6	-5	11	-1768.2	788.9	-222.0	-433.0	-35.5
11TH	133.17	-36.1	8.3	3320	2986	-10.9	2.8	-5	11	-1732.0	780.6	-212.5	-412.0	-34.9
12TH	145.17	-37.4	8.8	3320	2986	-11.3	2.9	-4	10	-1694.6	771.8	-203.2	-391.5	-34.4
13TH	157.17	-38.7	9.2	3320	2986	-11.6	3.1	-4	10	-1656.0	762.6	-194.0	-371.4	-33.8
14TH	169.17	-40.1	10.2	3323	2439	-12.1	4.2	-5	10	-1615.9	752.3	-184.9	-351.7	-33.3
15TH	181.17	-41.3	11.5	3326	1791	-12.4	6.4	-5	10	-1574.6	740.8	-176.0	-332.6	-32.6
16TH	193.17	-42.2	12.4	3326	1791	-12.7	6.9	-6	11	-1532.4	728.4	-167.2	-314.0	-32.0
17TH	205.17	-43.0	13.2	3326	1791	-12.9	7.4	-6	11	-1489.5	715.2	-158.5	-295.8	-31.2
18TH	217.17	-43.8	14.0	3326	1791	-13.2	7.8	-7	12	-1445.6	701.2	-150.0	-278.2	-30.5
19TH	229.17	-44.7	14.9	3326	1791	-13.4	8.3	-7	12	-1401.0	686.3	-141.7	-261.1	-29.7
20TH	241.17	-45.4	15.7	3326	1791	-13.6	8.8	-8	12	-1355.6	670.6	-133.5	-244.6	-28.8
21ST	253.17	-46.0	16.5	3326	1791	-13.8	9.2	-8	12	-1309.6	654.1	-125.6	-228.6	-27.9
22ND	265.17	-46.6	17.4	3326	1791	-14.0	9.7	-9	13	-1262.9	636.7	-117.8	-213.2	-27.0
23RD	277.17	-47.3	18.2	3326	1791	-14.2	10.2	-9	13	-1215.7	618.5	-110.3	-198.3	-26.0
24TH	289.17	-47.9	19.0	3326	1791	-14.4	10.6	-10	13	-1167.7	599.5	-103.0	-184.0	-25.0
25TH	301.17	-49.6	19.0	3311	2907	-15.0	6.5	-9	13	-1118.2	580.6	-95.9	-170.3	-24.0
		-49.4	19.3	3308	3152	-14.9	6.1	-9	12					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 50 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									-1068.7	561.3	-89.1	-157.2	-23.0
		-48.9	19.7	3308	3152	-14.8	6.2	-9	12					
27TH	325.17									-1019.8	541.6	-82.4	-144.6	-22.0
		-48.4	20.0	3308	3152	-14.6	6.4	-10	12					
28TH	337.17									-971.4	521.6	-76.1	-132.7	-21.1
		-47.8	20.4	3308	3152	-14.5	6.5	-10	12					
29TH	349.17									-923.6	501.2	-69.9	-121.3	-20.1
		-47.3	20.8	3308	3152	-14.3	6.6	-10	12					
30TH	361.17									-876.3	480.4	-64.0	-110.5	-19.2
		-46.8	21.2	3308	3152	-14.1	6.7	-10	12					
31ST	373.17									-829.5	459.2	-58.4	-100.3	-18.2
		-46.3	21.6	3308	3152	-14.0	6.8	-11	12					
32ND	385.17									-783.2	437.6	-53.0	-90.6	-17.3
		-45.6	21.9	3308	3152	-13.8	7.0	-11	12					
33RD	397.17									-737.6	415.7	-47.9	-81.5	-16.3
		-44.7	21.9	3308	3152	-13.5	6.9	-11	12					
34TH	409.17									-692.9	393.8	-43.0	-72.9	-15.4
		-43.8	21.9	3308	3152	-13.2	6.9	-12	13					
35TH	421.17									-649.1	371.9	-38.4	-64.8	-14.4
		-42.9	21.9	3308	3152	-13.0	6.9	-12	13					
36TH	433.17									-606.2	350.0	-34.1	-57.3	-13.5
		-41.9	21.9	3308	3152	-12.7	6.9	-13	13					
37TH	445.17									-564.3	328.2	-30.0	-50.3	-12.5
		-41.0	21.8	3308	3152	-12.4	6.9	-13	13					
38TH	457.17									-523.3	306.4	-26.2	-43.8	-11.5
		-40.1	21.8	3308	3152	-12.1	6.9	-14	14					
39TH	469.17									-483.2	284.5	-22.7	-37.7	-10.5
		-39.2	21.8	3308	3152	-11.8	6.9	-14	14					
40TH	481.17									-444.0	262.7	-19.4	-32.2	-9.6
		-38.3	21.8	3308	3152	-11.6	6.9	-15	14					
41ST	493.17									-405.7	240.9	-16.4	-27.1	-8.6
		-37.7	21.7	3308	3152	-11.4	6.9	-15	14					
42ND	505.17									-368.0	219.2	-13.6	-22.4	-7.6
		-37.4	21.6	3308	3152	-11.3	6.9	-15	14					
43RD	517.17									-330.5	197.6	-11.1	-18.2	-6.6
		-37.1	21.5	3308	3152	-11.2	6.8	-14	13					
44TH	529.17									-293.4	176.1	-8.9	-14.5	-5.7
		-36.8	21.4	3308	3152	-11.1	6.8	-14	13					
45TH	541.17									-256.6	154.7	-6.9	-11.2	-4.9
		-36.5	21.3	3308	3152	-11.0	6.8	-13	12					
46TH	553.17									-220.1	133.4	-5.2	-8.3	-4.0
		-36.2	21.2	3308	3152	-10.9	6.7	-13	12					
47TH	565.17									-183.9	112.2	-3.7	-5.9	-3.3
		-35.9	21.1	3308	3152	-10.8	6.7	-12	11					
48TH	577.17									-148.0	91.2	-2.5	-3.9	-2.5
		-35.6	21.0	3308	3152	-10.8	6.6	-12	11					
49TH	589.17									-112.5	70.2	-1.5	-2.4	-1.8
		-35.2	20.8	3308	3152	-10.7	6.6	-11	10					
50TH	601.17									-77.2	49.4	-.8	-1.2	-1.1
		-31.5	19.3	3308	3152	-9.5	6.1	-10	9					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
51ST	613.17	-27.0	17.3	3308	3152	-8.2	5.5	-9	7	-45.7	30.0	-.3	-.5	-.6
MECH	625.17	-18.7	12.7	2711	2583	-6.9	4.9	-7	5	-18.7	12.7	-.1	-.1	-.2
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; TWO DALLAS CENTRE
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									-4016.5	1618.1	-598.0	-1346.4	-82.1
2ND	22.33	-120.1	14.5	6179	5557	-19.4	2.6	-2	9	-3896.4	1603.6	-562.0	-1258.1	-80.7
3RD	37.17	-78.0	11.7	4104	3691	-19.0	3.2	-3	11	-3818.4	1591.9	-538.3	-1200.9	-79.5
4TH	49.17	-62.3	9.5	3320	2986	-18.8	3.2	-3	12	-3756.0	1582.4	-519.3	-1155.4	-78.5
5TH	61.17	-61.7	10.4	3320	2986	-18.6	3.5	-4	12	-3694.4	1572.0	-500.3	-1110.7	-77.4
6TH	73.17	-61.0	11.3	3320	2986	-18.4	3.8	-5	13	-3633.4	1560.7	-481.5	-1066.7	-76.3
7TH	85.17	-60.1	12.2	3320	2986	-18.1	4.1	-5	14	-3573.3	1548.5	-462.9	-1023.5	-75.1
8TH	97.17	-60.0	13.2	3320	2986	-18.1	4.4	-6	14	-3513.4	1535.2	-444.4	-981.0	-73.8
9TH	109.17	-60.8	14.9	3320	2986	-18.3	5.0	-6	14	-3452.6	1520.4	-426.0	-939.2	-72.6
10TH	121.17	-61.6	16.5	3320	2986	-18.5	5.5	-7	13	-3391.1	1503.9	-407.9	-898.1	-71.4
11TH	133.17	-62.3	18.1	3320	2986	-18.8	6.1	-7	13	-3328.7	1485.8	-390.0	-857.8	-70.2
12TH	145.17	-63.1	19.7	3320	2986	-19.0	6.6	-7	12	-3265.6	1466.1	-372.3	-818.2	-69.0
13TH	157.17	-63.9	21.3	3320	2986	-19.3	7.1	-7	12	-3201.7	1444.8	-354.8	-779.4	-67.8
14TH	169.17	-65.5	23.9	3323	2439	-19.7	9.8	-8	12	-3136.1	1420.9	-337.6	-741.4	-66.6
15TH	181.17	-68.2	26.7	3326	1791	-20.5	14.9	-9	12	-3068.0	1394.1	-320.7	-704.2	-65.3
16TH	193.17	-70.0	28.1	3326	1791	-21.0	15.7	-9	12	-2998.0	1366.0	-304.1	-667.8	-63.9
17TH	205.17	-71.8	29.5	3326	1791	-21.6	16.5	-10	13	-2926.2	1336.5	-287.9	-632.3	-62.5
18TH	217.17	-73.6	30.9	3326	1791	-22.1	17.2	-10	13	-2852.6	1305.6	-272.1	-597.6	-60.9
19TH	229.17	-75.4	32.3	3326	1791	-22.7	18.0	-10	13	-2777.2	1273.3	-256.6	-563.8	-59.4
20TH	241.17	-76.3	33.7	3326	1791	-22.9	18.8	-11	13	-2700.9	1239.7	-241.5	-530.9	-57.7
21ST	253.17	-76.6	35.0	3326	1791	-23.0	19.6	-12	14	-2624.3	1204.6	-226.9	-499.0	-55.9
22ND	265.17	-76.9	36.4	3326	1791	-23.1	20.3	-12	14	-2547.5	1168.2	-212.6	-467.9	-54.1
23RD	277.17	-77.1	37.8	3326	1791	-23.2	21.1	-13	14	-2470.3	1130.4	-198.8	-437.8	-52.2
24TH	289.17	-77.4	39.2	3326	1791	-23.3	21.9	-14	15	-2392.9	1091.2	-185.5	-408.7	-50.2
25TH	301.17	-82.9	38.1	3311	2907	-25.0	13.1	-13	15	-2310.0	1053.1	-172.6	-380.4	-48.2
		-84.0	38.1	3308	3152	-25.4	12.1	-12	15					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									-2225.9	1015.0	-160.2	-353.2	-46.1
27TH	325.17	-84.0	38.4	3308	3152	-25.4	12.2	-12	15	-2142.0	976.6	-148.3	-327.0	-44.1
28TH	337.17	-83.9	38.7	3308	3152	-25.4	12.3	-12	14	-2058.1	937.9	-136.8	-301.8	-42.1
29TH	349.17	-83.8	39.0	3308	3152	-25.3	12.4	-13	14	-1974.3	898.9	-125.8	-277.6	-40.0
30TH	361.17	-83.7	39.2	3308	3152	-25.3	12.4	-13	14	-1890.6	859.7	-115.2	-254.4	-38.0
31ST	373.17	-83.6	39.5	3308	3152	-25.3	12.5	-13	14	-1807.0	820.1	-105.1	-232.3	-36.0
32ND	385.17	-83.5	39.8	3308	3152	-25.2	12.6	-13	14	-1723.5	780.3	-95.5	-211.1	-33.9
33RD	397.17	-83.4	40.0	3308	3152	-25.2	12.7	-13	14	-1640.1	740.3	-86.4	-190.9	-31.9
34TH	409.17	-83.6	39.6	3308	3152	-25.3	12.6	-13	14	-1556.5	700.7	-77.8	-171.7	-29.9
35TH	421.17	-83.8	39.2	3308	3152	-25.3	12.4	-12	14	-1472.7	661.5	-69.6	-153.5	-27.9
36TH	433.17	-83.9	38.9	3308	3152	-25.4	12.3	-12	14	-1388.8	622.6	-61.9	-136.4	-25.9
37TH	445.17	-84.1	38.5	3308	3152	-25.4	12.2	-12	14	-1304.7	584.1	-54.6	-120.2	-23.9
38TH	457 17	-84.3	38.1	3308	3152	-25.5	12.1	-12	14	-1220.4	546.0	-47.9	-105.1	-21.9
39TH	469.17	-84.4	37.7	3308	3152	-25.5	12.0	-12	14	-1136.0	508.3	-41.5	-90.9	-19.9
40TH	481.17	-84.6	37.3	3308	3152	-25.6	11.8	-12	14	-1051.4	471.0	-35.7	-77.8	-17.9
41ST	493.17	-84.8	36.9	3308	3152	-25.6	11.7	-12	14	-966.6	434.1	-30.2	-65.7	-15.9
42ND	505.17	-85.2	36.9	3308	3152	-25.7	11.7	-11	14	-881.5	397.2	-25.2	-54.6	-14.0
43RD	517.17	-85.4	37.1	3308	3152	-25.8	11.8	-11	13	-796.1	360.1	-20.7	-44.5	-12.1
44TH	529.17	-85.7	37.3	3308	3152	-25.9	11.8	-10	13	-710.4	322.8	-16.6	-35.5	-10.3
45TH	541.17	-86.0	37.5	3308	3152	-26.0	11.9	-10	12	-624.4	285.3	-13.0	-27.5	-8.6
46TH	553.17	-86.2	37.7	3308	3152	-26.1	12.0	-9	11	-538.2	247.6	-9.8	-20.5	-7.0
47TH	565.17	-86.5	38.0	3308	3152	-26.1	12.0	-9	11	-451.7	209.6	-7.0	-14.6	-5.5
48TH	577.17	-86.8	38.2	3308	3152	-26.2	12.1	-8	10	-364.9	171.4	-4.7	-9.7	-4.1
49TH	589.17	-87.0	38.4	3308	3152	-26.3	12.2	-8	9	-277 8	133.0	-2.9	-5.8	-2.7
50TH	601.17	-87.3	38.6	3308	3152	-26.4	12.3	-7	9	-190.6	94.4	-1.5	-3.0	-1.4
		-77.9	36.4	3308	3152	-23.5	11.5	-6	7					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
51ST	613.17	-66.6	33.2	3308	3152	-20.1	10.5	-4	4	-112.7	58.1	-.6	-1.2	-.6
MECH	625.17	-46.2	24.9	2711	2583	-17.0	9.6	-1	1	-46.2	24.9	-.1	-.2	-.1
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 70 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									-4829.7	1575.2	-582.6	-1600.6	-87.8
2ND	22.33	-142.1	9.0	6179	5557	-23.0	1.6	-1	12	-4687.6	1566.1	-547.5	-1494.3	-85.5
3RD	37.17	-92.5	7.8	4104	3691	-22.5	2.1	-2	13	-4595.1	1558.3	-524.4	-1425.5	-83.7
4TH	49.17	-74.4	6.6	3320	2986	-22.4	2.2	-2	13	-4520.7	1551.7	-505.7	-1370.8	-82.4
5TH	61.17	-73.8	7.1	3320	2986	-22.2	2.4	-2	14	-4446.8	1544.6	-487.1	-1317.0	-81.0
6TH	73.17	-73.2	7.5	3320	2986	-22.1	2.5	-3	14	-4373.6	1537.1	-468.6	-1264.0	-79.6
7TH	85.17	-72.4	8.0	3320	2986	-21.8	2.7	-3	14	-4301.3	1529.1	-450.2	-1212.0	-78.1
8TH	97.17	-72.6	9.0	3320	2986	-21.9	3.0	-3	14	-4228.7	1520.0	-431.9	-1160.8	-76.6
9TH	109.17	-74.5	11.8	3320	2986	-22.4	3.9	-4	14	-4154.2	1508.3	-413.8	-1110.5	-75.2
10TH	121.17	-76.4	14.5	3320	2986	-23.0	4.9	-5	13	-4077.9	1493.8	-395.8	-1061.1	-73.7
11TH	133.17	-78.2	17.3	3320	2986	-23.6	5.8	-5	13	-3999.6	1476.5	-377.9	-1012.7	-72.2
12TH	145.17	-80.1	20.0	3320	2986	-24.1	6.7	-6	13	-3919.5	1456.5	-360.3	-965.1	-70.7
13TH	157.17	-82.0	22.8	3320	2986	-24.7	7.6	-6	12	-3837.5	1433.7	-343.0	-918.6	-69.3
14TH	169.17	-84.3	26.3	3323	2439	-25.4	10.8	-7	12	-3753.2	1407.4	-326.0	-873.1	-67.7
15TH	181.17	-86.6	29.5	3326	1791	-26.0	16.4	-8	12	-3666.6	1378.0	-309.2	-828.5	-66.1
16TH	193.17	-88.0	30.7	3326	1791	-26.4	17.1	-8	12	-3578.7	1347.3	-292.9	-785.1	-64.4
17TH	205.17	-89.4	31.9	3326	1791	-26.9	17.8	-8	12	-3489.3	1315.3	-276.9	-742.7	-62.7
18TH	217.17	-90.8	33.2	3326	1791	-27.3	18.5	-8	12	-3398.6	1282.1	-261.3	-701.3	-61.0
19TH	229.17	-92.2	34.4	3326	1791	-27.7	19.2	-8	12	-3306.4	1247.7	-246.1	-661.1	-59.3
20TH	241.17	-92.8	35.7	3326	1791	-27.9	19.9	-9	12	-3213.6	1212.1	-231.4	-622.0	-57.5
21ST	253.17	-92.9	36.9	3326	1791	-27.9	20.6	-9	13	-3120.7	1175.1	-217.1	-584.0	-55.6
22ND	265.17	-93.0	38.2	3326	1791	-27.9	21.3	-10	13	-3027.8	1137.0	-203.2	-547.1	-53.7
23RD	277.17	-93.0	39.4	3326	1791	-28.0	22.0	-10	13	-2934.7	1097.6	-189.8	-511.3	-51.7
24TH	289.17	-93.1	40.6	3326	1791	-28.0	22.7	-11	13	-2841.6	1056.9	-176.9	-476.7	-49.6
25TH	301.17	-99.0	39.3	3311	2907	-29.9	13.5	-10	13	-2742.6	1017.7	-164.4	-443.2	-47.5
		-100.5	38.9	3308	3152	-30.4	12.4	-9	13					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 70 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									-2642.1	978.7	-152.4	-410.8	-45.4
27TH	325.17	-100.9	38.9	3308	3152	-30.5	12.3	-9	13	-2541.2	939.8	-140.9	-379.7	-43.3
28TH	337.17	-101.3	38.9	3308	3152	-30.6	12.3	-9	13	-2439.9	900.9	-129.9	-349.9	-41.2
29TH	349.17	-101.7	38.9	3308	3152	-30.7	12.3	-9	13	-2338.2	862.0	-119.3	-321.2	-39.1
30TH	361.17	-102.1	38.9	3308	3152	-30.9	12.3	-9	13	-2236.2	823.1	-109.2	-293.7	-37.0
31ST	373.17	-102.4	38.9	3308	3152	-31.0	12.3	-9	13	-2133.7	784.2	-99.5	-267.5	-34.9
32ND	385.17	-102.8	38.9	3308	3152	-31.1	12.3	-9	13	-2030.9	745.3	-90.4	-242.5	-32.8
33RD	397.17	-103.0	38.8	3308	3152	-31.2	12.3	-9	13	-1927.9	706.5	-81.7	-218.8	-30.7
34TH	409.17	-103.0	38.4	3308	3152	-31.1	12.2	-9	13	-1824.9	668.1	-73.4	-196.3	-28.7
35TH	421.17	-103.0	38.0	3308	3152	-31.1	12.1	-9	13	-1721.9	630.0	-65.6	-175.0	-26.6
36TH	433.17	-103.0	37.7	3308	3152	-31.1	11.9	-9	12	-1618.9	592.4	-58.3	-154.9	-24.6
37TH	445.17	-103.0	37.3	3308	3152	-31.1	11.8	-8	12	-1515.9	555.1	-51.4	-136.1	-22.6
38TH	457.17	-102.9	36.9	3308	3152	-31.1	11.7	-8	12	-1413.0	518.2	-45.0	-118.6	-20.7
39TH	469.17	-102.9	36.5	3308	3152	-31.1	11.6	-8	12	-1310.1	481.7	-39.0	-102.2	-18.7
40TH	481.17	-102.9	36.1	3308	3152	-31.1	11.5	-8	12	-1207.2	445.6	-33.4	-87.1	-16.9
41ST	493.17	-102.9	35.7	3308	3152	-31.1	11.3	-8	12	-1104.4	409.9	-28.3	-73.2	-15.0
42ND	505.17	-102.6	35.6	3308	3152	-31.0	11.3	-7	11	-1001.8	374.3	-23.6	-60.6	-13.2
43RD	517.17	-102.0	35.7	3308	3152	-30.8	11.3	-7	11	-899.8	338.7	-19.3	-49.2	-11.4
44TH	529.17	-101.4	35.8	3308	3152	-30.7	11.3	-7	11	-798.3	302.9	-15.4	-39.0	-9.8
45TH	541.17	-100.9	35.8	3308	3152	-30.5	11.4	-7	10	-697.5	267.1	-12.0	-30.0	-8.2
46TH	553.17	-100.3	35.9	3308	3152	-30.3	11.4	-7	10	-597.2	231.1	-9.0	-22.3	-6.7
47TH	565.17	-99.7	36.0	3308	3152	-30.1	11.4	-6	9	-497.5	195.1	-6.5	-15.7	-5.2
48TH	577.17	-99.1	36.1	3308	3152	-30.0	11.5	-6	9	-398.4	159.0	-4.3	-10.3	-3.8
49TH	589.17	-98.5	36.2	3308	3152	-29.8	11.5	-6	8	-299.9	122.8	-2.7	-6.1	-2.5
50TH	601.17	-97.9	36.3	3308	3152	-29.6	11.5	-6	8	-202.0	86.5	-1.4	-3.1	-1.3
		-85.2	33.8	3308	3152	-25.8	10.7	-5	6					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 70 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
51ST	613.17	-70.3	30.4	3308	3152	-21.3	9.6	-3	4	-116.8	52.7	-.6	-1.2	-.5
MECH	625.17	-46.5	22.3	2711	2583	-17.1	8.6	-0	0	-46.5	22.3	-.1	-.2	-.0
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; TWO DALLAS CENTRE
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
										-5065.6	1452.7	-537.2	-1623.5	-98.9
1ST	0.00	-158.3	2.1	6179	5557	-25.6	.4	-0	14	-4907.4	1450.6	-504.7	-1512.1	-95.7
2ND	22.33	-105.0	5.1	4104	3691	-25.6	1.4	-1	16	-4802.4	1445.4	-483.3	-1440.1	-93.5
3RD	37.17	-85.6	5.3	3320	2986	-25.8	1.8	-2	15	-4716.8	1440.2	-465.9	-1383.0	-91.7
4TH	49.17	-86.1	6.3	3320	2986	-25.9	2.1	-2	15	-4630.7	1433.9	-448.7	-1326.9	-89.8
5TH	61.17	-86.6	7.3	3320	2986	-26.1	2.4	-2	15	-4544.1	1426.6	-431.5	-1271.8	-88.0
6TH	73.17	-86.8	8.3	3320	2986	-26.2	2.8	-3	15	-4457.3	1418.3	-414.5	-1217.8	-86.1
7TH	85.17	-87.3	9.6	3320	2986	-26.3	3.2	-3	15	-4369.9	1408.6	-397.5	-1164.9	-84.3
8TH	97.17	-88.3	11.9	3320	2986	-26.6	4.0	-4	15	-4281.6	1396.7	-380.7	-1113.0	-82.4
9TH	109.17	-89.3	14.1	3320	2986	-26.9	4.7	-4	15	-4192.2	1382.6	-364.0	-1062.1	-80.6
10TH	121.17	-90.3	16.4	3320	2986	-27.2	5.5	-5	14	-4101.9	1366.2	-347.5	-1012.4	-78.8
11TH	133.17	-91.4	18.7	3320	2986	-27.5	6.3	-5	14	-4010.5	1347.5	-331.2	-963.7	-77.0
12TH	145.17	-92.4	20.9	3320	2986	-27.8	7.0	-6	13	-3918.2	1326.6	-315.2	-916.1	-75.2
13TH	157.17	-94.0	24.3	3323	2439	-28.3	10.0	-6	13	-3824.2	1302.3	-299.4	-869.6	-73.3
14TH	169.17	-95.7	27.6	3326	1791	-28.8	15.4	-7	13	-3728.5	1274.7	-283.9	-824.3	-71.4
15TH	181.17	-96.4	28.7	3326	1791	-29.0	16.0	-7	13	-3632.0	1246.0	-268.8	-780.2	-69.5
16TH	193.17	-97.1	29.9	3326	1791	-29.2	16.7	-8	13	-3535.0	1216.1	-254.0	-737.2	-67.6
17TH	205.17	-97.8	31.1	3326	1791	-29.4	17.3	-8	13	-3437.2	1185.0	-239.6	-695.3	-65.6
18TH	217.17	-98.4	32.2	3326	1791	-29.6	18.0	-8	13	-3338.8	1152.8	-225.6	-654.7	-63.7
19TH	229.17	-99.1	33.4	3326	1791	-29.8	18.7	-8	13	-3239.6	1119.4	-212.0	-615.2	-61.7
20TH	241.17	-99.8	34.6	3326	1791	-30.0	19.3	-9	13	-3139.8	1084.8	-198.8	-576.9	-59.6
21ST	253.17	-100.5	35.8	3326	1791	-30.2	20.0	-9	13	-3039.4	1049.0	-186.0	-539.9	-57.6
22ND	265.17	-101.2	36.9	3326	1791	-30.4	20.6	-9	13	-2938.2	1012.1	-173.6	-504.0	-55.5
23RD	277.17	-101.8	38.1	3326	1791	-30.6	21.3	-9	13	-2836.4	974.0	-161.7	-469.3	-53.3
24TH	289.17	-104.2	37.5	3311	2907	-31.5	12.9	-9	13	-2732.2	936.5	-150.2	-435.9	-51.2
25TH	301.17	-104.4	37.2	3308	3152	-31.6	11.8	-9	13					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									-2627.7	899.4	-139.2	-403.8	-49.1
27TH	325.17	-104.2	37.0	3308	3152	-31.5	11.8	-9	13	-2523.5	862.3	-128.6	-372.9	-47.0
28TH	337.17	-104.1	36.9	3308	3152	-31.5	11.7	-9	13	-2419.4	825.4	-118.5	-343.2	-44.9
29TH	349.17	-103.9	36.7	3308	3152	-31.4	11.7	-9	13	-2315.6	788.7	-108.8	-314.8	-42.8
30TH	361.17	-103.7	36.6	3308	3152	-31.3	11.6	-9	13	-2211.9	752.1	-99.6	-287.6	-40.7
31ST	373.17	-103.5	36.5	3308	3152	-31.3	11.6	-9	13	-2108.5	715.6	-90.8	-261.7	-38.6
32ND	385.17	-103.3	36.3	3308	3152	-31.2	11.5	-9	13	-2005.2	679.3	-82.4	-237.0	-36.4
33RD	397.17	-103.1	36.1	3308	3152	-31.2	11.5	-9	13	-1902.1	643.2	-74.5	-213.6	-34.3
34TH	409.17	-103.1	35.6	3308	3152	-31.2	11.3	-9	13	-1798.9	607.6	-66.9	-191.4	-32.2
35TH	421.17	-103.2	35.1	3308	3152	-31.2	11.1	-9	13	-1695.7	572.5	-59.9	-170.4	-30.0
36TH	433.17	-103.3	34.6	3308	3152	-31.2	11.0	-8	13	-1592.5	537.9	-53.2	-150.7	-27.9
37TH	445.17	-103.3	34.0	3308	3152	-31.2	10.8	-8	14	-1489.2	503.9	-47.0	-132.2	-25.8
38TH	457.17	-103.4	33.5	3308	3152	-31.2	10.6	-8	14	-1385.8	470.4	-41.1	-114.9	-23.6
39TH	469.17	-103.4	33.0	3308	3152	-31.3	10.5	-8	14	-1282.4	437.4	-35.7	-98.9	-21.5
40TH	481.17	-103.5	32.5	3308	3152	-31.3	10.3	-8	14	-1179.0	404.9	-30.6	-84.2	-19.4
41ST	493.17	-103.5	31.9	3308	3152	-31.3	10.1	-8	14	-1075.5	373.0	-25.9	-70.6	-17.2
42ND	505.17	-102.9	31.8	3308	3152	-31.1	10.1	-8	13	-972.6	341.2	-21.7	-58.3	-15.2
43RD	517.17	-101.7	31.9	3308	3152	-30.7	10.1	-8	13	-870.9	309.3	-17.8	-47.3	-13.2
44TH	529.17	-100.5	32.1	3308	3152	-30.4	10.2	-7	12	-770.4	277.1	-14.2	-37.4	-11.3
45TH	541.17	-99.2	32.3	3308	3152	-30.0	10.2	-7	12	-671.2	244.9	-11.1	-28.8	-9.5
46TH	553.17	-98.0	32.5	3308	3152	-29.6	10.3	-7	11	-573.2	212.4	-8.4	-21.3	-7.8
47TH	565.17	-96.8	32.6	3308	3152	-29.3	10.4	-7	11	-476.4	179.8	-6.0	-15.0	-6.2
48TH	577.17	-95.5	32.8	3308	3152	-28.9	10.4	-7	10	-380.9	147.0	-4.0	-9.9	-4.6
49TH	589.17	-94.3	33.0	3308	3152	-28.5	10.5	-6	10	-286.6	114.0	-2.5	-5.9	-3.2
50TH	601.17	-93.0	33.2	3308	3152	-28.1	10.5	-6	9	-193.5	80.8	-1.3	-3.0	-1.8
		-81.2	31.2	3308	3152	-24.6	9.9	-6	8					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
51ST	613.17	-67.4	28.4	3308	3152	-20.4	9.0	-4	6	-112.3	49.7	-.5	-1.2	-.8
MECH	625.17	-44.9	21.2	2711	2583	-16.6	8.2	-2	3	-44.9	21.2	-.1	-.2	-.2
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									-4765.7	1501.5	-561.8	-1489.1	-103.6
2ND	22.33	-151.6	1.6	6179	5557	-24.5	.3	-0	18	-4614.2	1499.9	-528.3	-1384.4	-99.9
3RD	37.17	-101.9	5.0	4104	3691	-24.8	1.4	-2	18	-4512.3	1495.0	-506.1	-1316.7	-97.3
4TH	49.17	-83.8	5.6	3320	2986	-25.2	1.9	-2	17	-4428.5	1489.3	-488.2	-1263.0	-95.3
5TH	61.17	-85.1	6.6	3320	2986	-25.6	2.2	-2	17	-4343.4	1482.7	-470.3	-1210.4	-93.3
6TH	73.17	-86.3	7.6	3320	2986	-26.0	2.5	-3	16	-4257.1	1475.2	-452.6	-1158.8	-91.4
7TH	85.17	-87.4	8.5	3320	2986	-26.3	2.9	-3	16	-4169.7	1466.6	-434.9	-1108.2	-89.4
8TH	97.17	-88.3	9.9	3320	2986	-26.6	3.3	-3	16	-4081.3	1456.8	-417.4	-1058.7	-87.4
9TH	109.17	-89.0	12.3	3320	2986	-26.8	4.1	-4	16	-3992.3	1444.5	-400.0	-1010.3	-85.5
10TH	121.17	-89.7	14.7	3320	2986	-27.0	4.9	-5	16	-3902.6	1429.8	-382.7	-962.9	-83.5
11TH	133.17	-90.4	17.2	3320	2986	-27.2	5.7	-5	15	-3812.1	1412.6	-365.7	-916.6	-81.5
12TH	145.17	-91.1	19.6	3320	2986	-27.4	6.6	-6	15	-3721.0	1393.0	-348.8	-871.4	-79.5
13TH	157.17	-91.8	22.0	3320	2986	-27.7	7.4	-7	15	-3629.2	1371.0	-332.3	-827.3	-77.5
14TH	169.17	-93.1	25.0	3323	2439	-28.0	10.2	-8	15	-3536.1	1346.1	-315.9	-784.3	-75.4
15TH	181.17	-94.3	27.4	3326	1791	-28.3	15.3	-8	15	-3441.8	1318.7	-300.0	-742.5	-73.3
16TH	193.17	-94.6	28.3	3326	1791	-28.4	15.8	-9	15	-3347.3	1290.3	-284.3	-701.7	-71.1
17TH	205.17	-94.8	29.2	3326	1791	-28.5	16.3	-9	15	-3252.4	1261.1	-269.0	-662.1	-68.9
18TH	217.17	-95.1	30.2	3326	1791	-28.6	16.8	-9	16	-3157.3	1231.0	-254.0	-623.7	-66.6
19TH	229.17	-95.4	31.1	3326	1791	-28.7	17.3	-9	16	-3061.9	1199.9	-239.5	-586.4	-64.3
20TH	241.17	-96.0	32.0	3326	1791	-28.9	17.9	-10	16	-2965.9	1167.9	-225.3	-550.2	-62.0
21ST	253.17	-97.0	32.9	3326	1791	-29.2	18.4	-10	16	-2868.9	1135.0	-211.4	-515.2	-59.7
22ND	265.17	-97.9	33.8	3326	1791	-29.4	18.9	-10	15	-2771.0	1101.2	-198.0	-481.4	-57.4
23RD	277.17	-98.9	34.7	3326	1791	-29.7	19.4	-10	15	-2672.1	1066.4	-185.0	-448.7	-55.1
24TH	289.17	-99.8	35.7	3326	1791	-30.0	19.9	-10	15	-2572.3	1030.8	-172.4	-417.2	-52.7
25TH	301.17	-100.4	36.0	3311	2907	-30.3	12.4	-9	14	-2471.9	994.8	-160.3	-387.0	-50.5
		-99.8	36.5	3308	3152	-30.2	11.6	-9	14					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									-2372.1	958.3	-148.6	-357.9	-48.3
27TH	325.17	-99.0	37.0	3308	3152	-29.9	11.7	-10	14	-2273.1	921.3	-137.3	-330.0	-46.1
28TH	337.17	-98.1	37.4	3308	3152	-29.7	11.9	-10	14	-2175.0	883.9	-126.5	-303.3	-44.0
29TH	349.17	-97.3	37.9	3308	3152	-29.4	12.0	-10	14	-2077.6	845.9	-116.1	-277.8	-41.9
30TH	361.17	-96.5	38.4	3308	3152	-29.2	12.2	-10	14	-1981.1	807.5	-106.2	-253.5	-39.8
31ST	373.17	-95.7	38.9	3308	3152	-28.9	12.3	-10	13	-1885.4	768.6	-96.7	-230.3	-37.7
32ND	385.17	-94.9	39.4	3308	3152	-28.7	12.5	-10	13	-1790.6	729.3	-87.7	-208.2	-35.7
33RD	397.17	-94.2	39.7	3308	3152	-28.5	12.6	-10	13	-1696.3	689.5	-79.2	-187.3	-33.6
34TH	409.17	-94.2	39.1	3308	3152	-28.5	12.4	-10	13	-1602.1	650.5	-71.2	-167.5	-31.6
35TH	421.17	-94.2	38.4	3308	3152	-28.5	12.2	-10	13	-1507.9	612.1	-63.6	-148.8	-29.6
36TH	433.17	-94.2	37.7	3308	3152	-28.5	12.0	-10	13	-1413.7	574.4	-56.5	-131.3	-27.5
37TH	445.17	-94.2	37.0	3308	3152	-28.5	11.7	-10	14	-1319.5	537.4	-49.8	-114.9	-25.5
38TH	457.17	-94.2	36.3	3308	3152	-28.5	11.5	-10	14	-1225.2	501.0	-43.6	-99.6	-23.5
39TH	469.17	-94.2	35.7	3308	3152	-28.5	11.3	-10	14	-1131.0	465.4	-37.8	-85.5	-21.5
40TH	481.17	-94.2	35.0	3308	3152	-28.5	11.1	-9	14	-1036.7	430.4	-32.4	-72.5	-19.4
41ST	493.17	-94.3	34.3	3308	3152	-28.5	10.9	-9	14	-942.5	396.1	-27.4	-60.6	-17.4
42ND	505.17	-93.4	34.0	3308	3152	-28.2	10.8	-9	14	-849.1	362.1	-22.9	-49.9	-15.5
43RD	517.17	-91.9	34.2	3308	3152	-27.8	10.8	-9	13	-757.2	327.9	-18.7	-40.2	-13.6
44TH	529.17	-90.4	34.3	3308	3152	-27.3	10.9	-9	13	-666.8	293.6	-15.0	-31.7	-11.7
45TH	541.17	-88.8	34.5	3308	3152	-26.9	10.9	-9	13	-578.0	259.1	-11.7	-24.2	-9.9
46TH	553.17	-87.3	34.6	3308	3152	-26.4	11.0	-9	12	-490.7	224.5	-8.8	-17.8	-8.2
47TH	565.17	-85.8	34.8	3308	3152	-25.9	11.0	-9	12	-404.9	189.7	-6.3	-12.4	-6.6
48TH	577.17	-84.2	34.9	3308	3152	-25.5	11.1	-9	12	-320.7	154.8	-4.2	-8.1	-5.0
49TH	589.17	-82.7	35.1	3308	3152	-25.0	11.1	-9	11	-238.0	119.8	-2.6	-4.7	-3.5
50TH	601.17	-81.1	35.2	3308	3152	-24.5	11.2	-9	11	-156.9	84.6	-1.4	-2.4	-2.1
		-68.8	32.9	3308	3152	-20.8	10.4	-8	9					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
51ST	613.17	-54.4	29.7	3308	3152	-16.4	9.4	-7	7	-88.1	51.7	-.5	-.9	-1.0
MECH	625.17	-33.8	22.0	2711	2583	-12.5	8.5	-5	4	-33.8	22.0	-.1	-.2	-.3
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									-3765.8	1936.9	-731.9	-1138.0	-83.3
2ND	22.33	-127.9	9.9	6179	5557	-20.6	1.8	-3	21	-3638.8	1927.0	-688.8	-1055.3	-79.5
3RD	37.17	-85.2	10.3	4104	3691	-20.8	2.8	-5	21	-3553.6	1916.6	-660.3	-1001.9	-77.0
4TH	49.17	-70.1	9.6	3320	2986	-21.1	3.2	-5	20	-3483.5	1907.1	-637.3	-959.7	-75.0
5TH	61.17	-71.2	10.6	3320	2986	-21.4	3.5	-5	19	-3412.3	1896.5	-614.5	-918.3	-73.0
6TH	73.17	-72.3	11.6	3320	2986	-21.8	3.9	-6	19	-3340.1	1884.9	-591.8	-877.8	-71.1
7TH	85.17	-73.1	12.6	3320	2986	-22.0	4.2	-6	18	-3266.9	1872.3	-569.3	-838.2	-69.3
8TH	97.17	-74.0	14.0	3320	2986	-22.3	4.7	-6	17	-3192.9	1858.3	-546.9	-799.4	-67.5
9TH	109.17	-74.6	16.5	3320	2986	-22.5	5.5	-7	16	-3118.3	1841.9	-524.7	-761.5	-65.7
10TH	121.17	-75.3	19.0	3320	2986	-22.7	6.4	-7	16	-3043.0	1822.9	-502.7	-724.6	-64.0
11TH	133.17	-75.9	21.5	3320	2986	-22.9	7.2	-8	15	-2967.1	1801.3	-481.0	-688.5	-62.2
12TH	145.17	-76.5	24.1	3320	2986	-23.1	8.1	-9	15	-2890.6	1777.3	-459.5	-653.4	-60.5
13TH	157.17	-77.2	26.6	3320	2986	-23.2	8.9	-9	14	-2813.4	1750.7	-438.3	-619.2	-58.9
14TH	169.17	-78.7	29.5	3323	2439	-23.7	12.1	-10	14	-2734.7	1721.2	-417.5	-585.9	-57.2
15TH	181.17	-79.8	31.9	3326	1791	-24.0	17.8	-10	14	-2654.9	1689.3	-397.0	-553.5	-55.4
16TH	193.17	-79.7	32.9	3326	1791	-24.0	18.4	-11	14	-2575.2	1656.4	-376.9	-522.1	-53.6
17TH	205.17	-79.7	33.9	3326	1791	-23.9	18.9	-11	14	-2495.6	1622.5	-357.3	-491.7	-51.7
18TH	217.17	-79.6	34.9	3326	1791	-23.9	19.5	-12	14	-2416.0	1587.6	-338.0	-462.2	-49.8
19TH	229.17	-79.5	35.9	3326	1791	-23.9	20.0	-12	15	-2336.4	1551.7	-319.2	-433.7	-47.9
20TH	241.17	-79.6	36.9	3326	1791	-23.9	20.6	-13	15	-2256.8	1514.9	-300.8	-406.2	-45.9
21ST	253.17	-79.8	37.9	3326	1791	-24.0	21.1	-13	14	-2177.1	1477.0	-282.8	-379.6	-44.0
22ND	265.17	-79.9	38.9	3326	1791	-24.0	21.7	-13	14	-2097.2	1438.1	-265.3	-353.9	-42.0
23RD	277.17	-80.0	39.9	3326	1791	-24.1	22.3	-13	14	-2017.1	1398.3	-248.3	-329.2	-40.1
24TH	289.17	-80.2	40.9	3326	1791	-24.1	22.8	-13	14	-1936.9	1357.4	-231.8	-305.5	-38.1
25TH	301.17	-80.7	42.3	3311	2907	-24.4	14.5	-12	13	-1856.3	1315.1	-215.7	-282.8	-36.3
		-80.0	43.6	3308	3152	-24.2	13.8	-12	12					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 100 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									-1776.3	1271.5	-200.2	-261.0	-34.6
27TH	325.17	-79.0	44.8	3308	3152	-23.9	14.2	-12	12	-1697.3	1226.7	-185.2	-240.1	-32.9
28TH	337.17	-78.0	46.0	3308	3152	-23.6	14.6	-13	11	-1619.3	1180.7	-170.8	-220.2	-31.2
29TH	349.17	-77.1	47.3	3308	3152	-23.3	15.0	-13	11	-1542.3	1133.5	-156.9	-201.2	-29.6
30TH	361.17	-76.1	48.5	3308	3152	-23.0	15.4	-13	11	-1466.2	1085.0	-143.6	-183.2	-28.0
31ST	373.17	-75.1	49.7	3308	3152	-22.7	15.8	-13	11	-1391.1	1035.2	-130.9	-166.1	-26.4
32ND	385.17	-74.1	51.0	3308	3152	-22.4	16.2	-13	10	-1316.9	984.3	-118.8	-149.8	-24.8
33RD	397.17	-73.3	52.0	3308	3152	-22.2	16.5	-13	10	-1243.6	932.2	-107.3	-134.4	-23.3
34TH	409.17	-72.8	51.4	3308	3152	-22.0	16.3	-13	10	-1170.8	880.9	-96.4	-120.0	-21.8
35TH	421.17	-72.4	50.7	3308	3152	-21.9	16.1	-13	10	-1098.4	830.1	-86.1	-106.3	-20.3
36TH	433.17	-71.9	50.1	3308	3152	-21.7	15.9	-13	10	-1026.4	780.0	-76.5	-93.6	-18.8
37TH	445.17	-71.5	49.4	3308	3152	-21.6	15.7	-13	10	-955.0	730.6	-67.4	-81.7	-17.3
38TH	457.17	-71.0	48.8	3308	3152	-21.5	15.5	-13	10	-884.0	681.8	-58.9	-70.7	-15.8
39TH	469.17	-70.5	48.2	3308	3152	-21.3	15.3	-13	10	-813.4	633.6	-51.0	-60.5	-14.4
40TH	481.17	-70.1	47.5	3308	3152	-21.2	15.1	-13	10	-743.4	586.1	-43.7	-51.1	-12.9
41ST	493.17	-69.6	46.9	3308	3152	-21.0	14.9	-13	10	-673.7	539.2	-37.0	-42.6	-11.5
42ND	505.17	-68.7	46.7	3308	3152	-20.8	14.8	-13	10	-605.1	492.5	-30.8	-35.0	-10.1
43RD	517.17	-67.3	46.9	3308	3152	-20.3	14.9	-12	10	-537.8	445.6	-25.1	-28.1	-8.8
44TH	529.17	-65.9	47.2	3308	3152	-19.9	15.0	-12	9	-471.9	398.4	-20.1	-22.1	-7.6
45TH	541.17	-64.5	47.5	3308	3152	-19.5	15.1	-12	9	-407.4	350.9	-15.6	-16.8	-6.4
46TH	553.17	-63.1	47.7	3308	3152	-19.1	15.1	-11	8	-344.2	303.1	-11.7	-12.3	-5.3
47TH	565.17	-61.7	48.0	3308	3152	-18.7	15.2	-11	8	-282.5	255.1	-8.3	-8.5	-4.2
48TH	577.17	-60.4	48.3	3308	3152	-18.2	15.3	-11	7	-222.2	206.9	-5.5	-5.5	-3.2
49TH	589.17	-59.0	48.5	3308	3152	-17.8	15.4	-10	7	-163.2	158.3	-3.3	-3.2	-2.3
50TH	601.17	-57.5	48.8	3308	3152	-17.4	15.5	-10	6	-105.6	109.5	-1.7	-1.6	-1.5
		-47.9	44.4	3308	3152	-14.5	14.1	-10	6					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 100 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
51ST	613.17	-36.4	38.3	3308	3152	-11.0	12.1	-9	5	-57.8	65.1	-.7	-.6	-.8
MECH	625.17	-21.3	26.8	2711	2583	-7.9	10.4	-9	4	-21.3	26.8	-.1	-.1	-.3
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 110 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									-2427.0	2342.7	-867.5	-703.9	-43.0
2ND	22.33	-84.0	30.5	6179	5557	-13.6	5.5	-17	25	-2343.0	2312.1	-815.5	-650.6	-39.7
3RD	37.17	-57.2	22.5	4104	3691	-13.9	6.1	-18	24	-2285.9	2289.7	-781.4	-616.3	-37.5
4TH	49.17	-47.6	18.4	3320	2986	-14.3	6.2	-16	23	-2238.3	2271.3	-754.1	-589.1	-35.8
5TH	61.17	-48.9	18.5	3320	2986	-14.7	6.2	-15	22	-2189.4	2252.8	-726.9	-562.6	-34.1
6TH	73.17	-50.3	18.6	3320	2986	-15.2	6.2	-14	21	-2139.1	2234.1	-700.0	-536.6	-32.5
7TH	85.17	-51.6	18.8	3320	2986	-15.5	6.3	-13	20	-2087.5	2215.3	-673.3	-511.2	-30.9
8TH	97.17	-52.6	19.4	3320	2986	-15.8	6.5	-13	18	-2035.0	2195.9	-646.8	-486.5	-29.4
9TH	109.17	-53.1	21.6	3320	2986	-16.0	7.2	-13	17	-1981.9	2174.4	-620.6	-462.4	-28.0
10TH	121.17	-53.6	23.7	3320	2986	-16.1	8.0	-13	15	-1928.3	2150.6	-594.6	-438.9	-26.6
11TH	133.17	-54.1	25.9	3320	2986	-16.3	8.7	-12	14	-1874.1	2124.7	-569.0	-416.1	-25.4
12TH	145.17	-54.7	28.1	3320	2986	-16.5	9.4	-12	12	-1819.5	2096.6	-543.7	-394.0	-24.2
13TH	157.17	-55.2	30.3	3320	2986	-16.6	10.1	-11	11	-1764.3	2066.3	-518.7	-372.5	-23.1
14TH	169.17	-56.9	32.7	3323	2439	-17.1	13.4	-11	10	-1707.4	2033.6	-494.1	-351.6	-22.0
15TH	181.17	-58.1	35.0	3326	1791	-17.5	19.5	-12	10	-1649.2	1998.6	-469.9	-331.5	-20.9
16TH	193.17	-57.5	36.6	3326	1791	-17.3	20.5	-12	10	-1591.8	1962.0	-446.1	-312.0	-19.8
17TH	205.17	-56.8	38.3	3326	1791	-17.1	21.4	-12	10	-1535.0	1923.7	-422.8	-293.3	-18.7
18TH	217.17	-56.1	40.0	3326	1791	-16.9	22.3	-13	9	-1478.9	1883.7	-400.0	-275.2	-17.6
19TH	229.17	-55.5	41.6	3326	1791	-16.7	23.2	-13	9	-1423.4	1842.1	-377.6	-257.8	-16.5
20TH	241.17	-54.7	43.3	3326	1791	-16.4	24.2	-13	9	-1368.7	1798.8	-355.8	-241.0	-15.4
21ST	253.17	-53.8	45.0	3326	1791	-16.2	25.1	-14	9	-1314.9	1753.8	-334.5	-224.9	-14.3
22ND	265.17	-53.0	46.6	3326	1791	-15.9	26.0	-14	9	-1261.9	1707.1	-313.7	-209.5	-13.2
23RD	277.17	-52.1	48.3	3326	1791	-15.7	27.0	-15	8	-1209.8	1658.8	-293.5	-194.6	-12.0
24TH	289.17	-51.3	50.0	3326	1791	-15.4	27.9	-15	8	-1158.5	1608.9	-273.9	-180.4	-10.9
25TH	301.17	-50.5	51.4	3311	2907	-15.3	17.7	-12	6	-1107.9	1557.5	-254.9	-166.8	-10.0
		-49.8	52.6	3308	3152	-15.1	16.7	-11	5					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 110 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									-1058.2	1504.9	-236.5	-153.8	-9.2
27TH	325.17	-49.0	53.7	3308	3152	-14.8	17.0	-10	5	-1009.1	1451.3	-218.8	-141.4	-8.5
28TH	337.17	-48.2	54.8	3308	3152	-14.6	17.4	-10	5	-960.9	1396.4	-201.7	-129.6	-7.8
29TH	349.17	-47.5	55.9	3308	3152	-14.3	17.7	-9	4	-913.5	1340.5	-185.3	-118.4	-7.2
30TH	361.17	-46.7	57.1	3308	3152	-14.1	18.1	-8	4	-866.8	1283.5	-169.5	-107.7	-6.6
31ST	373.17	-45.9	58.2	3308	3152	-13.9	18.5	-8	3	-820.9	1225.3	-154.5	-97.6	-6.0
32ND	385.17	-45.1	59.3	3308	3152	-13.6	18.8	-7	3	-775.7	1166.0	-140.1	-88.0	-5.5
33RD	397.17	-44.5	60.3	3308	3152	-13.5	19.1	-7	3	-731.2	1105.7	-126.5	-78.9	-5.0
34TH	409.17	-44.0	59.9	3308	3152	-13.3	19.0	-7	3	-687.3	1045.8	-113.6	-70.4	-4.6
35TH	421.17	-43.5	59.5	3308	3152	-13.1	18.9	-7	3	-643.8	986.2	-101.4	-62.4	-4.1
36TH	433.17	-42.9	59.2	3308	3152	-13.0	18.8	-7	3	-600.9	927.1	-89.9	-55.0	-3.6
37TH	445.17	-42.4	58.8	3308	3152	-12.8	18.7	-7	3	-558.5	868.3	-79.1	-48.0	-3.2
38TH	457.17	-41.9	58.4	3308	3152	-12.7	18.5	-7	3	-516.6	809.8	-69.1	-41.6	-2.7
39TH	469.17	-41.4	58.1	3308	3152	-12.5	18.4	-7	3	-475.2	751.8	-59.7	-35.6	-2.2
40TH	481.17	-40.8	57.7	3308	3152	-12.3	18.3	-7	3	-434.4	694.1	-51.0	-30.2	-1.8
41ST	493.17	-40.3	57.3	3308	3152	-12.2	18.2	-7	3	-394.1	636.8	-43.0	-25.2	-1.3
42ND	505.17	-39.7	57.1	3308	3152	-12.0	18.1	-7	3	-354.4	579.7	-35.8	-20.7	-.8
43RD	517.17	-38.9	57.0	3308	3152	-11.8	18.1	-6	2	-315.5	522.6	-29.1	-16.7	-.5
44TH	529.17	-38.1	57.0	3308	3152	-11.5	18.1	-5	2	-277.4	465.6	-23.2	-13.1	-.2
45TH	541.17	-37.4	56.9	3308	3152	-11.3	18.1	-4	1	-240.0	408.7	-18.0	-10.0	.1
46TH	553.17	-36.6	56.9	3308	3152	-11.1	18.0	-3	1	-203.4	351.8	-13.4	-7.4	.3
47TH	565.17	-35.8	56.8	3308	3152	-10.8	18.0	-2	1	-167.5	295.0	-9.5	-5.1	.4
48TH	577.17	-35.1	56.8	3308	3152	-10.6	18.0	-1	0	-132.5	238.2	-6.3	-3.3	.5
49TH	589.17	-34.3	56.7	3308	3152	-10.4	18.0	-0	0	-98.1	181.5	-3.8	-1.9	.5
50TH	601.17	-33.5	56.7	3308	3152	-10.1	18.0	1	-0	-64.6	124.8	-2.0	-1.0	.4
		-28.5	51.1	3308	3152	-8.6	16.2	2	-1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 110 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
51ST	613.17	-22.4	43.6	3308	3152	-6.8	13.8	4	-1	-36.1	73.7	-.8	-.4	.3
MECH	625.17	-13.7	30.1	2711	2583	-5.1	11.7	6	-1	-13.7	30.1	-.1	-.1	.2
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 27 0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									-1965.7	2140.6	-808.2	-578.8	-14.1
2ND	22.33	-55.8	40.6	6179	5557	-9.0	7.3	-33	24	-1909.8	2100.0	-760 9	-535.5	-11.3
3RD	37.17	-39.0	26.7	4104	3691	-9.5	7.2	-32	25	-1870.8	2073.2	-729.9	-507.5	-9.3
4TH	49.17	-32.9	20.8	3320	2986	-9.9	7.0	-29	25	-1837.9	2052.5	-705.2	-485.2	-7.7
5TH	61.17	-34.4	20.0	3320	2986	-10.3	6.7	-27	25	-1803.6	2032.5	-680.7	-463.4	-6.2
6TH	73.17	-35.8	19.2	3320	2986	-10.8	6.4	-24	24	-1767.8	2013.3	-656.4	-442.0	-4.6
7TH	85.17	-37.2	18.4	3320	2986	-11.2	6.2	-22	24	-1730.5	1994.9	-632.3	-421.0	-3.1
8TH	97.17	-38.7	18.0	3320	2986	-11.7	6.0	-20	23	-1691.8	1976.9	-608.5	-400.4	-1.6
9TH	109.17	-40.0	19.2	3320	2986	-12.0	6.4	-19	21	-1651.9	1957.7	-584.9	-380.4	-.1
10TH	121.17	-41.3	20.3	3320	2986	-12.4	6.8	-17	19	-1610.6	1937.4	-561.5	-360.8	1.2
11TH	133.17	-42.5	21.4	3320	2986	-12.8	7.2	-16	17	-1568.1	1916.0	-538.4	-341.7	2.4
12TH	145.17	-43.8	22.5	3320	2986	-13.2	7.5	-15	15	-1524.2	1893.5	-515.6	-323.2	3.6
13TH	157.17	-45.1	23.6	3320	2986	-13.6	7.9	-13	14	-1479.1	1869.9	-493.0	-305.1	4.7
14TH	169.17	-48.7	24.9	3323	2439	-14.7	10.2	-12	12	-1430.4	1845.0	-470.7	-287.7	5.7
15TH	181.17	-51.2	26.4	3326	1791	-15.4	14.8	-11	11	-1379.1	1818.5	-448.7	-270.8	6.8
16TH	193.17	-50.2	27.8	3326	1791	-15.1	15.5	-11	11	-1329.0	1790.7	-427.0	-254.6	7.7
17TH	205.17	-49.1	29.2	3326	1791	-14.8	16.3	-11	10	-1279.8	1761.5	-405.7	-238.9	8.6
18TH	217.17	-48.1	30.6	3326	1791	-14.5	17.1	-10	9	-1231.8	1730.9	-384.8	-223.9	9.4
19TH	229.17	-47.0	32.0	3326	1791	-14.1	17.8	-10	8	-1184.7	1699.0	-364.2	-209.4	10.1
20TH	241.17	-46.4	33.3	3326	1791	-14.0	18.6	-9	7	-1138.3	1665.6	-344.0	-195.4	10.8
21ST	253.17	-46.2	34.7	3326	1791	-13.9	19.4	-9	6	-1092.1	1630.9	-324.2	-182.0	11.4
22ND	265.17	-46.0	36.1	3326	1791	-13.8	20.1	-9	6	-1046.1	1594.8	-304.9	-169.2	12.0
23RD	277.17	-45.7	37.5	3326	1791	-13.7	20.9	-8	5	-1000 4	1557.4	-286.0	-156.9	12.6
24TH	289.17	-45.5	38.8	3326	1791	-13.7	21.7	-8	5	-954.9	1518.5	-267.5	-145.2	13.2
25TH	301.17	-44.8	41.6	3311	2907	-13.5	14.3	-2	1	-910.1	1477.0	-249.5	-134.0	13.3
		-44.0	43.4	3308	3152	-13.3	13.8	0	-0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									-866.1	1433.6	-232.1	-123.4	13.3
27TH	325.17	-43.3	44.9	3308	3152	-13.1	14.2	1	-1	-822.8	1388.6	-215.1	-113.2	13.2
28TH	337.17	-42.6	46.4	3308	3152	-12.9	14.7	2	-1	-780.3	1342.2	-198.8	-103.6	13.1
29TH	349.17	-41.8	48.0	3308	3152	-12.6	15.2	3	-1	-738.4	1294.2	-182.9	-94.5	12.9
30TH	361.17	-41.1	49.5	3308	3152	-12.4	15.7	4	-2	-697.3	1244.8	-167.7	-85.9	12.6
31ST	373.17	-40.4	51.0	3308	3152	-12.2	16.2	5	-2	-657.0	1193.8	-153.1	-77.8	12.3
32ND	385.17	-39.6	52.5	3308	3152	-12.0	16.7	6	-3	-617.3	1141.2	-139.1	-70.1	11.9
33RD	397.17	-38.8	54.0	3308	3152	-11.7	17.1	7	-3	-578.5	1087.3	-125.7	-62.9	11.5
34TH	409.17	-37.6	54.5	3308	3152	-11.4	17.3	7	-3	-540.9	1032.8	-113.0	-56.2	11.1
35TH	421.17	-36.5	55.0	3308	3152	-11.0	17.4	8	-3	-504.4	977.8	-100.9	-49.9	10.6
36TH	433.17	-35.3	55.5	3308	3152	-10.7	17.6	8	-3	-469.1	922.3	-89.5	-44.1	10.1
37TH	445.17	-34.2	56.0	3308	3152	-10.3	17.8	9	-3	-434.9	866.3	-78.8	-38.7	9.7
38TH	457.17	-33.0	56.6	3308	3152	-10.0	17.9	9	-3	-401.8	809.7	-68.7	-33.7	9.2
39TH	469.17	-31.9	57.1	3308	3152	-9.6	18.1	9	-3	-369.9	752.7	-59.3	-29.0	8.6
40TH	481.17	-30.7	57.6	3308	3152	-9.3	18.3	10	-3	-339.2	695.1	-50.7	-24.8	8.1
41ST	493.17	-29.6	58.1	3308	3152	-8.9	18.4	10	-3	-309.6	636.9	-42.7	-20.9	7.6
42ND	505.17	-29.0	58.3	3308	3152	-8.8	18.5	10	-3	-280.6	578.7	-35.4	-17.3	7.0
43RD	517.17	-28.6	58.0	3308	3152	-8.6	18.4	11	-3	-252.1	520.7	-28.8	-14.1	6.4
44TH	529.17	-28.2	57.8	3308	3152	-8.5	18.3	11	-3	-223.9	462.9	-22.9	-11.3	5.8
45TH	541.17	-27.8	57.5	3308	3152	-8.4	18.3	11	-3	-196.1	405.3	-17.7	-8.8	5.2
46TH	553.17	-27.4	57.3	3308	3152	-8.3	18.2	12	-3	-168.8	348.1	-13.1	-6.6	4.6
47TH	565.17	-27.0	57.0	3308	3152	-8.2	18.1	12	-3	-141.8	291.0	-9.3	-4.7	4.0
48TH	577.17	-26.6	56.8	3308	3152	-8.0	18.0	12	-3	-115.2	234.2	-6.2	-3.2	3.4
49TH	589.17	-26.2	56.6	3308	3152	-7.9	17.9	12	-3	-89.0	177.6	-3.7	-1.9	2.8
50TH	601.17	-25.8	56.3	3308	3152	-7.8	17.9	13	-3	-63.2	121.3	-1.9	-1.0	2.1
		-24.2	50.3	3308	3152	-7.3	16.0	15	-4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
51ST	613.17									-39.0	71.0	-.7	-.4	1.4
		-22.3	42.3	3308	3152	-6.7	13.4	19	-5					
MECH	625.17									-16.8	28.7	-.1	-.1	.7
		-16.8	28.7	2711	2583	-6.2	11.1	24	-7					
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 130 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									-1157.9	1971.4	-749.3	-330.4	-4.3
2ND	22.33	-31.3	41.5	6179	5557	-5.1	7.5	-39	16	-1126.6	1929.9	-705.7	-304.8	-2.4
3RD	37.17	-21.3	26.2	4104	3691	-5.2	7.1	-42	18	-1105.3	1903.7	-677.3	-288.3	-1.1
4TH	49.17	-17.6	19.9	3320	2986	-5.3	6.7	-42	20	-1087.8	1883.9	-654.6	-275.1	.0
5TH	61.17	-18.1	18.8	3320	2986	-5.5	6.3	-42	22	-1069.6	1865.1	-632.1	-262.2	1.1
6TH	73.17	-18.7	17.6	3320	2986	-5.6	5.9	-41	23	-1050.9	1847.5	-609.8	-249.5	2.2
7TH	85.17	-19.3	16.5	3320	2986	-5.8	5.5	-39	25	-1031.6	1830.9	-587.7	-237.0	3.4
8TH	97.17	-20.3	15.8	3320	2986	-6.1	5.3	-37	25	-1011.3	1815.1	-565.8	-224.7	4.5
9TH	109.17	-21.7	16.5	3320	2986	-6.5	5.5	-33	23	-989.6	1798.7	-544.2	-212.7	5.6
10TH	121.17	-23.2	17.1	3320	2986	-7.0	5.7	-30	22	-966.4	1781.6	-522.7	-201.0	6.7
11TH	133.17	-24.6	17.7	3320	2986	-7.4	5.9	-27	20	-941.8	1763.8	-501.4	-189.5	7.7
12TH	145.17	-26.0	18.4	3320	2986	-7.8	6.2	-24	18	-915.8	1745.5	-480.4	-178.4	8.7
13TH	157.17	-27.4	19.0	3320	2986	-8.3	6.4	-22	17	-888.4	1726.4	-459.5	-167.6	9.7
14TH	169.17	-30.5	19.7	3323	2439	-9.2	8.1	-19	16	-857.9	1706.8	-438.9	-157.1	10.6
15TH	181.17	-33.2	20.7	3326	1791	-10.0	11.6	-18	15	-824.7	1686.1	-418.6	-147.0	11.6
16TH	193.17	-33.3	22.3	3326	1791	-10.0	12.5	-17	14	-791.4	1663.7	-398.5	-137.3	12.5
17TH	205.17	-33.4	23.9	3326	1791	-10.0	13.4	-17	13	-758.0	1639.8	-378.6	-128.0	13.4
18TH	217.17	-33.5	25.5	3326	1791	-10.1	14.3	-17	12	-724.5	1614.3	-359.1	-119.1	14.3
19TH	229.17	-33.6	27.1	3326	1791	-10.1	15.1	-16	11	-690.8	1587.1	-339.9	-110.6	15.1
20TH	241.17	-33.3	28.7	3326	1791	-10.0	16.0	-15	9	-657.5	1558.4	-321.0	-102.5	15.8
21ST	253.17	-32.6	30.3	3326	1791	-9.8	16.9	-12	7	-624.9	1528.1	-302.5	-94.8	16.4
22ND	265.17	-31.9	31.9	3326	1791	-9.6	17.8	-10	5	-593.0	1496.1	-284.4	-87.5	16.8
23RD	277.17	-31.2	33.5	3326	1791	-9.4	18.7	-7	3	-561.8	1462.6	-266.6	-80.6	17.2
24TH	289.17	-30.5	35.1	3326	1791	-9.2	19.6	-4	2	-531.3	1427.4	-249.3	-74.0	17.3
25TH	301.17	-30.7	40.7	3311	2907	-9.3	14.0	7	-3	-500.6	1386.7	-232.4	-67.8	17.0
		-30.0	42.7	3308	3152	-9.1	13.5	10	-4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 130 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									-470.6	1344.0	-216.0	-62.0	16.5
27TH	325.17	-29.0	43.7	3308	3152	-8.8	13.9	12	-4	-441.6	1300.3	-200.1	-56.5	16.0
28TH	337.17	-28.0	44.7	3308	3152	-8.5	14.2	13	-4	-413.7	1255.6	-184.8	-51.4	15.4
29TH	349.17	-27.0	45.8	3308	3152	-8.2	14.5	14	-4	-386.7	1209.8	-170.0	-46.6	14.7
30TH	361.17	-26.0	46.8	3308	3152	-7.9	14.8	15	-5	-360.7	1163.0	-155.8	-42.1	14.0
31ST	373.17	-25.0	47.8	3308	3152	-7.6	15.2	17	-5	-335.7	1115.3	-142.1	-37.9	13.3
32ND	385.17	-24.0	48.8	3308	3152	-7.3	15.5	18	-5	-311.7	1066.5	-129.0	-34.0	12.5
33RD	397.17	-22.9	49.8	3308	3152	-6.9	15.8	19	-5	-288.8	1016.7	-116.5	-30.4	11.6
34TH	409.17	-21.7	50.5	3308	3152	-6.6	16.0	18	-4	-267.1	966.1	-104.6	-27.1	10.8
35TH	421.17	-20.6	51.3	3308	3152	-6.2	16.3	17	-4	-246.4	914.8	-93.3	-24.0	10.1
36TH	433.17	-19.5	52.0	3308	3152	-5.9	16.5	17	-3	-226.9	862.8	-82.7	-21.2	9.3
37TH	445.17	-18.4	52.8	3308	3152	-5.6	16.7	16	-3	-208.5	810.1	-72.6	-18.6	8.6
38TH	457.17	-17.3	53.5	3308	3152	-5.2	17.0	15	-3	-191.3	756.6	-63.2	-16.2	8.0
39TH	469.17	-16.2	54.2	3308	3152	-4.9	17.2	14	-2	-175.1	702.4	-54.5	-14.0	7.4
40TH	481.17	-15.0	55.0	3308	3152	-4.5	17.4	13	-2	-160.1	647.4	-46.4	-12.0	6.8
41ST	493.17	-13.9	55.7	3308	3152	-4.2	17.7	13	-2	-146.2	591.7	-39.0	-10.1	6.2
42ND	505.17	-13.4	55.9	3308	3152	-4.0	17.7	12	-2	-132.8	535.8	-32.2	-8.5	5.7
43RD	517.17	-13.1	55.4	3308	3152	-4.0	17.6	12	-2	-119.7	480.4	-26.1	-6.9	5.2
44TH	529.17	-12.9	54.9	3308	3152	-3.9	17.4	12	-2	-106.7	425.5	-20.7	-5.6	4.6
45TH	541.17	-12.7	54.4	3308	3152	-3.8	17.3	12	-2	-94.0	371.1	-15.9	-4.4	4.1
46TH	553.17	-12.5	54.0	3308	3152	-3.8	17.1	13	-2	-81.5	317.1	-11.7	-3.3	3.6
47TH	565.17	-12.3	53.5	3308	3152	-3.7	17.0	13	-2	-69.2	263.6	-8.3	-2.4	3.1
48TH	577.17	-12.1	53.0	3308	3152	-3.7	16.8	13	-2	-57.2	210.6	-5.4	-1.7	2.5
49TH	589.17	-11.9	52.5	3308	3152	-3.6	16.7	13	-2	-45.3	158.0	-3.2	-1.0	2.0
50TH	601.17	-11.7	52.1	3308	3152	-3.5	16.5	13	-2	-33.6	106.0	-1.6	-.6	1.5
		-11.8	45.5	3308	3152	-3.6	14.4	15	-2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 130 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
51ST	613.17	-11.9	36.8	3308	3152	-3.6	11.7	18	-3	-21.9	60.4	-.6	-.2	1.0
MECH	625.17	-9.9	23.7	2711	2583	-3.7	9.2	21	-5	-9.9	23.7	-.1	-.0	.4
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 140 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									-108.5	1946.0	-729.5	16.2	-13.0
2ND	22.33	-12.1	41.4	6179	5557	-2.0	7.4	-29	5	-96.4	1904.6	-686.5	18.5	-12.0
3RD	37.17	-7.5	26.3	4104	3691	-1.8	7.1	-37	6	-88.9	1878.4	-658.4	19.9	-11.3
4TH	49.17	-5.8	20.0	3320	2986	-1.8	6.7	-42	7	-83.1	1858.3	-636.0	20.9	-10.6
5TH	61.17	-5.9	19.0	3320	2986	-1.8	6.4	-45	7	-77.2	1839.3	-613.8	21.8	-9.9
6TH	73.17	-5.9	17.9	3320	2986	-1.8	6.0	-48	8	-71.3	1821.4	-591.8	22.7	-9.2
7TH	85.17	-5.9	16.9	3320	2986	-1.8	5.6	-52	10	-65.4	1804.5	-570.1	23.6	-8.5
8TH	97.17	-6.2	16.2	3320	2986	-1.9	5.4	-53	11	-59.2	1788.3	-548.5	24.3	-7.7
9TH	109.17	-7.0	16.7	3320	2986	-2.1	5.6	-48	11	-52.2	1771.6	-527.2	25.0	-7.0
10TH	121.17	-7.8	17.3	3320	2986	-2.4	5.8	-44	11	-44.4	1754.3	-506.0	25.6	-6.4
11TH	133.17	-8.6	17.8	3320	2986	-2.6	6.0	-40	10	-35.7	1736.5	-485.1	26.0	-5.7
12TH	145.17	-9.5	18.4	3320	2986	-2.8	6.1	-36	10	-26.3	1718.2	-464.3	26.4	-5.1
13TH	157.17	-10.3	18.9	3320	2986	-3.1	6.3	-33	10	-16.0	1699.3	-443.8	26.7	-4.5
14TH	169.17	-10.9	19.5	3323	2439	-3.3	8.0	-31	9	-5.1	1679.8	-423.6	26.8	-3.9
15TH	181.17	-10.7	20.7	3326	1791	-3.2	11.6	-30	8	5.5	1659.1	-403.5	26.8	-3.3
16TH	193.17	-10.2	22.5	3326	1791	-3.1	12.6	-27	7	15.7	1636.6	-383.8	26.7	-2.8
17TH	205.17	-9.7	24.3	3326	1791	-2.9	13.6	-24	5	25.4	1612.3	-364.3	26.4	-2.3
18TH	217.17	-9.2	26.1	3326	1791	-2.8	14.6	-22	4	34.7	1586.2	-345.1	26.0	-1.8
19TH	229.17	-8.7	27.9	3326	1791	-2.6	15.6	-19	3	43.4	1558.3	-326.2	25.6	-1.4
20TH	241.17	-8.0	29.7	3326	1791	-2.4	16.6	-17	2	51.4	1528.6	-307.7	25.0	-1.0
21ST	253.17	-7.0	31.5	3326	1791	-2.1	17.6	-14	2	58.4	1497.1	-289.5	24.3	-.7
22ND	265.17	-6.1	33.3	3326	1791	-1.8	18.6	-11	1	64.5	1463.9	-271.8	23.6	-.4
23RD	277.17	-5.1	35.1	3326	1791	-1.5	19.6	-9	1	69.6	1428.8	-254.4	22.8	-.1
24TH	289.17	-4.1	36.8	3326	1791	-1.2	20.6	-7	0	73.8	1392.0	-237.5	21.9	.1
25TH	301.17	-3.7	42.7	3311	2907	-1.1	14.7	1	-0	77.4	1349.2	-221.0	21.0	.0
		-3.2	44.6	3308	3152	-1.0	14.2	2	-0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 140 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									80.6	1304.6	-205.1	20.1	-.0
27TH	325.17	-2.6	45.5	3308	3152	-.8	14.4	2	-0	83.2	1259.1	-189.7	19.1	-.1
28TH	337.17	-2.1	46.5	3308	3152	-.6	14.7	1	-0	85.4	1212.6	-174.9	18.1	-.1
29TH	349.17	-1.6	47.4	3308	3152	-.5	15.0	1	-0	87.0	1165.2	-160.6	17.1	-.2
30TH	361.17	-1.1	48.3	3308	3152	-.3	15.3	1	-0	88.1	1117.0	-146.9	16.0	-.2
31ST	373.17	-.6	49.2	3308	3152	-.2	15.6	0	-0	88.7	1067.8	-133.8	15.0	-.2
32ND	385.17	-.1	50.1	3308	3152	-.0	15.9	0	-0	88.7	1017.7	-121.3	13.9	-.2
33RD	397.17	.5	50.9	3308	3152	.2	16.2	-0	-0	88.2	966.8	-109.4	12.8	-.2
34TH	409.17	.9	51.1	3308	3152	.3	16.2	-0	-0	87.3	915.6	-98.1	11.8	-.2
35TH	421.17	1.4	51.3	3308	3152	.4	16.3	0	0	85.9	864.3	-87.4	10.7	-.2
36TH	433.17	1.9	51.5	3308	3152	.6	16.3	0	0	84.0	812.8	-77.4	9.7	-.2
37TH	445.17	2.3	51.7	3308	3152	.7	16.4	0	0	81.7	761.1	-67.9	8.7	-.2
38TH	457.17	2.8	51.9	3308	3152	.8	16.5	0	0	78.9	709.2	-59.1	7.8	-.2
39TH	469.17	3.2	52.1	3308	3152	1.0	16.5	0	0	75.7	657.0	-50.9	6.8	-.2
40TH	481.17	3.7	52.3	3308	3152	1.1	16.6	1	0	72.1	604.7	-43.3	5.9	-.3
41ST	493.17	4.1	52.5	3308	3152	1.2	16.7	1	0	68.0	552.2	-36.4	5.1	-.3
42ND	505.17	4.5	52.4	3308	3152	1.3	16.6	1	0	63.5	499.9	-30.1	4.3	-.3
43RD	517.17	4.8	51.8	3308	3152	1.4	16.4	1	0	58.7	448.0	-24.4	3.6	-.3
44TH	529.17	5.0	51.3	3308	3152	1.5	16.3	1	0	53.7	396.8	-19.3	2.9	-.4
45TH	541.17	5.3	50.7	3308	3152	1.6	16.1	1	0	48.4	346.0	-14.9	2.3	-.4
46TH	553.17	5.6	50.2	3308	3152	1.7	15.9	0	0	42.7	295.8	-11.0	1.7	-.4
47TH	565.17	5.9	49.7	3308	3152	1.8	15.8	0	0	36.8	246.1	-7.8	1.3	-.4
48TH	577.17	6.2	49.1	3308	3152	1.9	15.6	0	0	30.6	197.0	-5.1	.9	-.4
49TH	589.17	6.5	48.6	3308	3152	2.0	15.4	0	0	24.2	148.4	-3.0	.5	-.4
50TH	601.17	6.8	48.1	3308	3152	2.0	15.2	0	0	17.4	100.3	-1.5	.3	-.4
		6.6	42.4	3308	3152	2.0	13.5	-2	-0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 140 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
51ST	613.17	6.1	34.9	3308	3152	1.9	11.1	-6	-1	10.8	57.9	-.6	.1	-.4
MECH	625.17	4.7	23.0	2711	2583	1.7	8.9	-11	-1	4.7	23.0	-.1	.0	-.2
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									575.7	1829.9	-705.7	229.8	-7.2
2ND	22.33	-.4	36.8	6179	5557	-.1	6.6	-9	0	576.1	1793.1	-665.2	217.0	-6.9
3RD	37.17	.6	23.5	4104	3691	.1	6.4	-19	-0	575.5	1769.6	-638.8	208.4	-6.6
4TH	49.17	.9	18.1	3320	2986	.3	6.1	-24	-1	574.6	1751.5	-617.6	201.5	-6.3
5TH	61.17	1.2	17.2	3320	2986	.4	5.8	-28	-1	573.4	1734.3	-596.7	194.7	-5.9
6TH	73.17	1.4	16.3	3320	2986	.4	5.5	-32	-1	572.0	1717.9	-576.0	187.8	-5.5
7TH	85.17	1.7	15.4	3320	2986	.5	5.2	-36	-2	570.2	1702.5	-555.5	180.9	-5.1
8TH	97.17	1.9	14.8	3320	2986	.6	4.9	-37	-3	568.3	1687.8	-535.2	174.1	-4.7
9TH	109.17	1.7	14.9	3320	2986	.5	5.0	-31	-2	566.6	1672.9	-515.0	167.3	-4.3
10TH	121.17	1.4	15.0	3320	2986	.4	5.0	-26	-1	565.2	1657.8	-495.0	160.5	-4.1
11TH	133.17	1.2	15.2	3320	2986	.4	5.1	-20	-1	564.0	1642.6	-475.2	153.7	-3.8
12TH	145.17	.9	15.3	3320	2986	.3	5.1	-15	-0	563.1	1627.3	-455.6	147.0	-3.6
13TH	157.17	.6	15.5	3320	2986	.2	5.2	-10	-0	562.5	1611.8	-436.1	140.2	-3.5
14TH	169.17	1.1	16.0	3323	2439	.3	6.6	-5	-0	561.3	1595.8	-416.9	133.5	-3.5
15TH	181.17	2.5	17.2	3326	1791	.8	9.6	-2	-0	558.8	1578.6	-397.9	126.7	-3.4
16TH	193.17	3.6	18.8	3326	1791	1.1	10.5	1	0	555.2	1559.8	-379.0	120.1	-3.5
17TH	205.17	4.8	20.3	3326	1791	1.4	11.3	4	0	550.4	1539.5	-360.4	113.4	-3.5
18TH	217.17	5.9	21.9	3326	1791	1.8	12.2	6	1	544.5	1517.6	-342.1	106.9	-3.6
19TH	229.17	7.0	23.5	3326	1791	2.1	13.1	8	1	537.5	1494.2	-324.0	100.4	-3.8
20TH	241.17	8.9	25.0	3326	1791	2.7	14.0	7	1	528.6	1469.2	-306.2	94.0	-3.9
21ST	253.17	11.4	26.6	3326	1791	3.4	14.8	6	1	517.2	1442.6	-288.8	87.7	-4.0
22ND	265.17	13.8	28.1	3326	1791	4.2	15.7	4	1	503.4	1414.4	-271.6	81.6	-4.2
23RD	277.17	16.3	29.7	3326	1791	4.9	16.6	3	1	487.2	1384.7	-254.8	75.6	-4.2
24TH	289.17	18.7	31.3	3326	1791	5.6	17.5	2	1	468.4	1353.4	-238.4	69.9	-4.3
25TH	301.17	22.6	36.3	3311	2907	6.8	12.5	1	0	445.8	1317.1	-222.4	64.4	-4.3
		23.0	38.4	3308	3152	7.0	12.2	-0	-0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									422.8	1278.7	-206.8	59.2	-4.3
27TH	325.17	22.7	39.8	3308	3152	6.9	12.6	-2	-1	400.1	1238.9	-191.7	54.3	-4.3
28TH	337.17	22.4	41.2	3308	3152	6.8	13.1	-3	-1	377.7	1197.7	-177.1	49.6	-4.1
29TH	349.17	22.1	42.6	3308	3152	6.7	13.5	-4	-1	355.7	1155.1	-163.0	45.2	-4.0
30TH	361.17	21.7	43.9	3308	3152	6.6	13.9	-5	-1	333.9	1111.2	-149.4	41.1	-3.8
31ST	373.17	21.4	45.3	3308	3152	6.5	14.4	-7	-2	312.5	1065.9	-136.3	37.2	-3.5
32ND	385.17	21.1	46.7	3308	3152	6.4	14.8	-8	-2	291.4	1019.2	-123.8	33.5	-3.2
33RD	397.17	20.6	48.0	3308	3152	6.2	15.2	-8	-2	270.8	971.2	-111.8	30.2	-2.8
34TH	409.17	19.5	48.6	3308	3152	5.9	15.4	-8	-2	251.4	922.6	-100.5	27.0	-2.5
35TH	421.17	18.4	49.2	3308	3152	5.6	15.6	-7	-1	233.0	873.4	-89.7	24.1	-2.2
36TH	433.17	17.3	49.8	3308	3152	5.2	15.8	-6	-1	215.8	823.7	-79.5	21.4	-2.0
37TH	445.17	16.2	50.4	3308	3152	4.9	16.0	-6	-1	199.6	773.3	-69.9	19.0	-1.7
38TH	457.17	15.1	50.9	3308	3152	4.6	16.2	-5	-1	184.5	722.4	-61.0	16.6	-1.5
39TH	469.17	14.0	51.5	3308	3152	4.2	16.3	-4	-1	170.5	670.8	-52.6	14.5	-1.3
40TH	481.17	12.9	52.1	3308	3152	3.9	16.5	-4	-0	157.6	618.7	-44.9	12.5	-1.2
41ST	493.17	11.8	52.7	3308	3152	3.6	16.7	-3	-0	145.8	566.0	-37.8	10.7	-1.1
42ND	505.17	11.4	52.8	3308	3152	3.5	16.7	-3	-0	134.4	513.2	-31.3	9.0	-1.0
43RD	517.17	11.6	52.3	3308	3152	3.5	16.6	-2	-0	122.8	460.9	-25.4	7.5	-.9
44TH	529.17	11.7	51.8	3308	3152	3.5	16.4	-2	-0	111.2	409.1	-20.2	6.1	-.8
45TH	541.17	11.8	51.3	3308	3152	3.6	16.3	-1	-0	99.4	357.8	-15.6	4.8	-.7
46TH	553.17	11.9	50.9	3308	3152	3.6	16.1	-1	-0	87.5	306.9	-11.6	3.7	-.7
47TH	565.17	12.0	50.4	3308	3152	3.6	16.0	-1	-0	75.5	256.5	-8.3	2.7	-.7
48TH	577.17	12.1	49.9	3308	3152	3.7	15.8	-0	-0	63.4	206.6	-5.5	1.9	-.7
49TH	589.17	12.2	49.4	3308	3152	3.7	15.7	0	0	51.2	157.1	-3.3	1.2	-.7
50TH	601.17	12.3	49.0	3308	3152	3.7	15.5	1	0	38.9	108.2	-1.7	.7	-.7
		13.2	44.2	3308	3152	4.0	14.0	-3	-0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
51ST	613.17									25.7	64.0	-.7	.3	-.6
		13.8	37.8	3308	3152	4.2	12.0	-9	-2					
MECH	625.17									11.8	26.2	-.1	.1	-.3
		11.8	26.2	2711	2583	4.4	10.1	-15	-4					
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									1580.7	1464.7	-574.8	549.6	17.8
2ND	22.33	24.7	25.9	6179	5557	4.0	4.7	19	10	1556.0	1438.8	-542.4	514.6	17.1
3RD	37.17	17.3	17.1	4104	3691	4.2	4.6	15	8	1538.8	1421.7	-521.2	491.7	16.8
4TH	49.17	14.3	13.8	3320	2986	4.3	4.6	13	7	1524.5	1408.0	-504.2	473.3	16.5
5TH	61.17	14.5	13.2	3320	2986	4.4	4.4	12	7	1510.0	1394.8	-487.4	455.1	16.2
6TH	73.17	14.8	12.6	3320	2986	4.4	4.2	12	7	1495.2	1382.2	-470.7	437.0	16.0
7TH	85.17	15.0	12.0	3320	2986	4.5	4.0	11	7	1480.2	1370.2	-454.2	419.2	15.7
8TH	97.17	15.4	11.6	3320	2986	4.6	3.9	10	7	1464.8	1358.6	-437.8	401.5	15.5
9TH	109.17	15.8	11.7	3320	2986	4.8	3.9	11	8	1449.0	1346.9	-421.6	384.0	15.2
10TH	121.17	16.2	11.9	3320	2986	4.9	4.0	11	8	1432.9	1335.0	-405.5	366.7	14.9
11TH	133.17	16.5	12.0	3320	2986	5.0	4.0	11	8	1416.4	1323.0	-389.5	349.6	14.6
12TH	145.17	16.9	12.2	3320	2986	5.1	4.1	12	9	1399.5	1310.8	-373.7	332.7	14.3
13TH	157.17	17.3	12.3	3320	2986	5.2	4.1	12	9	1382.2	1298.5	-358.1	316.1	14.0
14TH	169.17	18.6	12.5	3323	2439	5.6	5.1	12	9	1363.6	1286.0	-342.6	299.6	13.6
15TH	181.17	21.1	13.1	3326	1791	6.4	7.3	12	10	1342.5	1272.9	-327.2	283.3	13.2
16TH	193.17	23.3	13.9	3326	1791	7.0	7.7	13	11	1319.1	1259.1	-312.0	267.4	12.7
17TH	205.17	25.6	14.7	3326	1791	7.7	8.2	13	12	1293.6	1244.4	-297.0	251.7	12.2
18TH	217.17	27.8	15.5	3326	1791	8.3	8.7	14	13	1265.8	1228.9	-282.2	236.3	11.5
19TH	229.17	30.0	16.3	3326	1791	9.0	9.1	14	14	1235.8	1212.5	-267.5	221.3	10.8
20TH	241.17	32.6	17.2	3326	1791	9.8	9.6	14	14	1203.2	1195.4	-253.1	206.7	10.0
21ST	253.17	35.6	18.0	3326	1791	10.7	10.0	12	13	1167.6	1177.4	-238.8	192.5	9.1
22ND	265.17	38.6	18.8	3326	1791	11.6	10.5	12	13	1129.1	1158.6	-224.8	178.7	8.3
23RD	277.17	41.5	19.6	3326	1791	12.5	11.0	11	12	1087.5	1138.9	-211.0	165.4	7.4
24TH	289.17	44.5	20.4	3326	1791	13.4	11.4	10	12	1043.0	1118.5	-197.5	152.6	6.6
25TH	301.17	48.0	24.9	3311	2907	14.5	8.6	10	10	995.1	1093.6	-184.2	140.4	5.7
		48.3	27.6	3308	3152	14.6	8.8	9	9					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									946.7	1066.0	-171.3	128.7	4.9
27TH	325.17	48.2	29.8	3308	3152	14.6	9.4	8	7	898.6	1036.3	-158.7	117.7	4.3
28TH	337.17	48.0	31.9	3308	3152	14.5	10.1	7	6	850.5	1004.3	-146.4	107.2	3.7
29TH	349.17	47.9	34.1	3308	3152	14.5	10.8	6	4	802.6	970.3	-134.6	97.2	3.3
30TH	361.17	47.8	36.2	3308	3152	14.4	11.5	4	3	754.8	934.1	-123.1	87.9	3.0
31ST	373.17	47.6	38.4	3308	3152	14.4	12.2	3	2	707.2	895.7	-112.2	79.1	2.7
32ND	385.17	47.5	40.5	3308	3152	14.4	12.9	2	1	659.7	855.2	-101.7	70.9	2.6
33RD	397.17	47.1	42.5	3308	3152	14.2	13.5	1	0	612.6	812.7	-91.6	63.3	2.6
34TH	409.17	45.1	42.8	3308	3152	13.6	13.6	0	0	567.5	769.9	-82.2	56.2	2.6
35TH	421.17	43.2	43.1	3308	3152	13.1	13.7	0	0	524.3	726.8	-73.2	49.7	2.6
36TH	433.17	41.2	43.3	3308	3152	12.5	13.7	-0	-0	483.1	683.5	-64.7	43.6	2.6
37TH	445.17	39.3	43.6	3308	3152	11.9	13.8	-1	-0	443.8	639.8	-56.8	38.1	2.6
38TH	457.17	37.3	43.9	3308	3152	11.3	13.9	-1	-0	406.5	595.9	-49.4	33.0	2.7
39TH	469.17	35.4	44.2	3308	3152	10.7	14.0	-1	-1	371.2	551.8	-42.5	28.3	2.7
40TH	481.17	33.4	44.5	3308	3152	10.1	14.1	-2	-1	337.8	507.3	-36.1	24.0	2.8
41ST	493.17	31.4	44.7	3308	3152	9.5	14.2	-2	-1	306.3	462.6	-30.3	20.2	2.9
42ND	505.17	30.2	44.6	3308	3152	9.1	14.1	-2	-1	276.1	418.0	-25.0	16.7	3.0
43RD	517.17	29.5	44.0	3308	3152	8.9	14.0	-0	-0	246.6	374.0	-20.3	13.5	3.0
44TH	529.17	28.9	43.4	3308	3152	8.7	13.8	1	0	217.7	330.6	-16.0	10.8	3.0
45TH	541.17	28.2	42.8	3308	3152	8.5	13.6	3	1	189.5	287.8	-12.3	8.3	2.8
46TH	553.17	27.5	42.2	3308	3152	8.3	13.4	4	1	162.0	245.6	-9.1	6.2	2.6
47TH	565.17	26.8	41.6	3308	3152	8.1	13.2	6	2	135.2	204.0	-6.4	4.4	2.4
48TH	577.17	26.2	41.0	3308	3152	7.9	13.0	7	3	109.0	163.0	-4.2	3.0	2.1
49TH	589.17	25.5	40.4	3308	3152	7.7	12.8	9	3	83.5	122.6	-2.5	1.8	1.7
50TH	601.17	24.8	39.8	3308	3152	7.5	12.6	11	4	58.7	82.8	-1.3	.9	1.2
		22.9	35.0	3308	3152	6.9	11.1	12	4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
51ST	613.17									35.8	47.8	-.5	.4	.8
		20.6	28.8	3308	3152	6.2	9.1	14	5					
MECH	625.17									15.2	19.0	-.1	.1	.4
		15.2	19.0	2711	2583	5.6	7.3	16	7					
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 170 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									1647.1	817.2	-304.3	548.3	4.3
2ND	22.33	36.9	16.2	6179	5557	6.0	2.9	14	17	1610.2	801.0	-286.3	511.9	3.3
3RD	37.17	24.0	10.8	4104	3691	5.8	2.9	13	15	1586.2	790.2	-274.5	488.2	2.7
4TH	49.17	18.9	8.9	3320	2986	5.7	3.0	13	14	1567.4	781.2	-265.0	469.3	2.3
5TH	61.17	18.5	8.6	3320	2986	5.6	2.9	13	15	1548.9	772.6	-255.7	450.6	1.8
6TH	73.17	18.1	8.3	3320	2986	5.4	2.8	13	15	1530.8	764.3	-246.5	432.1	1.4
7TH	85.17	17.6	8.0	3320	2986	5.3	2.7	13	15	1513.3	756.2	-237.4	413.8	.9
8TH	97.17	17.9	7.8	3320	2986	5.4	2.6	12	14	1495.4	748.4	-228.3	395.8	.5
9TH	109.17	19.0	7.9	3320	2986	5.7	2.7	10	13	1476.3	740.4	-219.4	378.0	.1
10TH	121.17	20.2	8.1	3320	2986	6.1	2.7	9	12	1456.1	732.4	-210.6	360.4	-.3
11TH	133.17	21.4	8.2	3320	2986	6.4	2.7	8	12	1434.8	724.2	-201.8	343.0	-.7
12TH	145.17	22.5	8.3	3320	2986	6.8	2.8	7	11	1412.3	716.0	-193.2	325.9	-1.1
13TH	157.17	23.7	8.4	3320	2986	7.1	2.8	7	10	1388.6	707.6	-184.6	309.1	-1.5
14TH	169.17	26.0	8.5	3323	2439	7.8	3.5	6	9	1362.6	699.1	-176.2	292.6	-1.8
15TH	181.17	28.1	8.7	3326	1791	8.4	4.9	5	9	1334.5	690.4	-167.9	276.4	-2.2
16TH	193.17	28.7	9.2	3326	1791	8.6	5.2	5	9	1305.8	681.1	-159.6	260.6	-2.6
17TH	205.17	29.3	9.8	3326	1791	8.8	5.4	6	9	1276.5	671.4	-151.5	245.1	-3.0
18TH	217.17	29.9	10.3	3326	1791	9.0	5.7	6	9	1246.6	661.1	-143.5	230.0	-3.4
19TH	229.17	30.5	10.8	3326	1791	9.2	6.0	6	10	1216.1	650.3	-135.7	215.2	-3.9
20TH	241.17	32.1	11.3	3326	1791	9.6	6.3	6	9	1184.0	639.1	-127.9	200.8	-4.3
21ST	253.17	34.3	11.8	3326	1791	10.3	6.6	5	8	1149.6	627.3	-120.3	186.8	-4.8
22ND	265.17	36.6	12.3	3326	1791	11.0	6.9	5	8	1113.0	615.0	-112.9	173.2	-5.2
23RD	277.17	38.9	12.8	3326	1791	11.7	7.2	4	7	1074.2	602.2	-105.6	160.1	-5.6
24TH	289.17	41.1	13.3	3326	1791	12.4	7.4	4	6	1033.1	588.8	-98.4	147.4	-6.0
25TH	301.17	46.1	14.9	3311	2907	13.9	5.1	3	5	986.9	573.9	-91.4	135.3	-6.3
		46.9	16.2	3308	3152	14.2	5.1	3	4					

TABLE 7 SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 170 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									940.0	557.7	-84.7	123.8	-6.6
27TH	325.17	46.8	17.5	3308	3152	14.2	5.5	2	3	893.2	540.2	-78.1	112.8	-6.9
28TH	337.17	46.7	18.7	3308	3152	14.1	5.9	2	3	846.5	521.5	-71.7	102.3	-7.1
29TH	349.17	46.6	20.0	3308	3152	14.1	6.3	2	2	799.9	501.5	-65.6	92.4	-7.2
30TH	361.17	46.5	21.3	3308	3152	14.1	6.7	1	1	753.3	480.2	-59.7	83.1	-7.3
31ST	373.17	46.4	22.5	3308	3152	14.0	7.1	1	1	706.9	457.7	-54.0	74.4	-7.4
32ND	385.17	46.3	23.8	3308	3152	14.0	7.5	0	0	660.6	433.9	-48.7	66.2	-7.4
33RD	397.17	46.1	24.9	3308	3152	13.9	7.9	-0	-0	614.5	409.0	-43.6	58.5	-7.3
34TH	409.17	45.0	24.7	3308	3152	13.6	7.8	-1	-1	569.5	384.4	-38.9	51.4	-7.2
35TH	421.17	44.0	24.5	3308	3152	13.3	7.8	-3	-3	525.5	359.9	-34.4	44.8	-7.0
36TH	433.17	43.0	24.2	3308	3152	13.0	7.7	-4	-4	482.5	335.7	-30.2	38.8	-6.7
37TH	445.17	42.0	24.0	3308	3152	12.7	7.6	-5	-5	440.5	311.7	-26.4	33.3	-6.3
38TH	457.17	40.9	23.8	3308	3152	12.4	7.5	-7	-6	399.6	287.9	-22.8	28.2	-5.9
39TH	469.17	39.9	23.6	3308	3152	12.1	7.5	-8	-8	359.7	264.3	-19.4	23.7	-5.3
40TH	481.17	38.9	23.4	3308	3152	11.8	7.4	-10	-9	320.8	240.9	-16.4	19.6	-4.6
41ST	493.17	37.8	23.1	3308	3152	11.4	7.3	-12	-10	283.0	217.8	-13.7	15.9	-3.9
42ND	505.17	36.0	22.8	3308	3152	10.9	7.2	-12	-11	247.0	195.0	-11.2	12.8	-3.2
43RD	517.17	34.0	22.2	3308	3152	10.3	7.0	-12	-10	212.9	172.8	-9.0	10.0	-2.5
44TH	529.17	32.0	21.6	3308	3152	9.7	6.9	-12	-9	180.9	151.2	-7.0	7.6	-1.9
45TH	541.17	30.0	21.0	3308	3152	9.1	6.7	-11	-9	150.9	130.2	-5.3	5.7	-1.4
46TH	553.17	28.0	20.5	3308	3152	8.5	6.5	-11	-8	123.0	109.7	-3.9	4.0	-.9
47TH	565.17	26.0	19.9	3308	3152	7.8	6.3	-10	-7	97.0	89.8	-2.7	2.7	-.5
48TH	577.17	23.9	19.3	3308	3152	7.2	6.1	-9	-6	73.1	70.5	-1.7	1.7	-.2
49TH	589.17	21.9	18.7	3308	3152	6.6	5.9	-8	-5	51.1	51.8	-1.0	.9	.1
50TH	601.17	19.9	18.2	3308	3152	6.0	5.8	-7	-4	31.2	33.6	-.5	.4	.3
		15.5	15.3	3308	3152	4.7	4.9	-2	-1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 170 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
51ST	613.17									15.7	18.3	-.2	.1	.3
		10.6	11.6	3308	3152	3.2	3.7	7	4					
MECH	625.17									5.1	6.7	-.0	.0	.2
		5.1	6.7	2711	2583	1.9	2.6	27	11					
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									1702.9	476.8	-140.4	578.8	-35.1
2ND	22.33	43.0	5.7	6179	5557	7.0	1.0	1	6	1660.0	471.1	-129.8	541.3	-35.5
3RD	37.17	26.6	7.0	4104	3691	6.5	1.9	2	4	1633.4	464.1	-122.9	516.8	-35.6
4TH	49.17	20.2	7.9	3320	2986	6.1	2.7	2	3	1613.2	456.2	-117.4	497.4	-35.7
5TH	61.17	18.9	9.0	3320	2986	5.7	3.0	3	4	1594.4	447.2	-112.0	478.1	-35.9
6TH	73.17	17.6	10.1	3320	2986	5.3	3.4	4	4	1576.8	437.1	-106.7	459.1	-36.0
7TH	85.17	15.9	11.1	3320	2986	4.8	3.7	5	4	1561.0	426.0	-101.5	440.3	-36.1
8TH	97.17	16.2	11.9	3320	2986	4.9	4.0	5	4	1544.8	414.1	-96.4	421.6	-36.3
9TH	109.17	19.1	11.9	3320	2986	5.8	4.0	4	3	1525.7	402.1	-91.5	403.2	-36.4
10TH	121.17	22.0	11.9	3320	2986	6.6	4.0	3	3	1503.6	390.3	-86.8	385.0	-36.5
11TH	133.17	25.0	11.9	3320	2986	7.5	4.0	2	2	1478.7	378.4	-82.2	367.1	-36.6
12TH	145.17	27.9	11.9	3320	2986	8.4	4.0	2	2	1450.8	366.5	-77.7	349.6	-36.7
13TH	157.17	30.8	11.8	3320	2986	9.3	4.0	1	2	1419.9	354.7	-73.4	332.3	-36.8
14TH	169.17	36.4	12.4	3323	2439	11.0	5.1	0	1	1383.5	342.3	-69.2	315.5	-36.8
15TH	181.17	39.6	12.8	3326	1791	11.9	7.1	-0	-1	1343.8	329.5	-65.2	299.1	-36.8
16TH	193.17	38.4	12.3	3326	1791	11.6	6.9	-1	-2	1305.4	317.2	-61.3	283.2	-36.6
17TH	205.17	37.2	11.8	3326	1791	11.2	6.6	-2	-4	1268.2	305.4	-57.6	267.8	-36.4
18TH	217.17	36.0	11.4	3326	1791	10.8	6.3	-3	-5	1232.2	294.0	-54.0	252.8	-36.1
19TH	229.17	34.8	10.9	3326	1791	10.5	6.1	-4	-7	1197.4	283.1	-50.5	238.2	-35.7
20TH	241.17	34.0	10.4	3326	1791	10.2	5.8	-5	-10	1163.4	272.7	-47.2	224.1	-35.2
21ST	253.17	33.5	9.9	3326	1791	10.1	5.5	-7	-12	1129.9	262.8	-43.9	210.3	-34.6
22ND	265.17	33.0	9.4	3326	1791	9.9	5.3	-8	-15	1096.9	253.4	-40.8	196.9	-33.8
23RD	277.17	32.5	9.0	3326	1791	9.8	5.0	-9	-18	1064.4	244.4	-37.9	184.0	-33.0
24TH	289.17	32.0	8.5	3326	1791	9.6	4.7	-11	-22	1032.4	236.0	-35.0	171.4	-31.9
25TH	301.17	37.8	9.6	3311	2907	11.4	3.3	-10	-21	994.6	226.4	-32.2	159.2	-30.8
		38.6	9.8	3308	3152	11.7	3.1	-10	-21					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									956.0	216.6	-29.5	147.5	-29.6
27TH	325.17	38.1	9.9	3308	3152	11.5	3.1	-10	-21	917.9	206.7	-27.0	136.3	-28.5
28TH	337.17	37.5	9.9	3308	3152	11.3	3.2	-11	-21	880.4	196.7	-24.6	125.5	-27.3
29TH	349.17	37.0	10.0	3308	3152	11.2	3.2	-11	-22	843.4	186.7	-22.3	115.2	-26.1
30TH	361.17	36.5	10.0	3308	3152	11.0	3.2	-12	-22	806.9	176.7	-20.1	105.3	-24.8
31ST	373.17	35.9	10.1	3308	3152	10.9	3.2	-12	-23	771.0	166.6	-18.0	95.8	-23.6
32ND	385.17	35.4	10.1	3308	3152	10.7	3.2	-12	-23	735.6	156.5	-16.1	86.7	-22.4
33RD	397.17	35.1	10.2	3308	3152	10.6	3.2	-13	-24	700.5	146.3	-14.3	78.1	-21.2
34TH	409.17	35.8	10.0	3308	3152	10.8	3.2	-12	-24	664.7	136.3	-12.6	69.9	-19.9
35TH	421.17	36.5	9.9	3308	3152	11.0	3.1	-12	-24	628.2	126.3	-11.0	62.2	-18.6
36TH	433.17	37.2	9.8	3308	3152	11.2	3.1	-12	-24	591.0	116.5	-9.6	54.9	-17.2
37TH	445.17	37.9	9.7	3308	3152	11.5	3.1	-12	-25	553.1	106.9	-8.2	48.0	-15.9
38TH	457.17	38.6	9.6	3308	3152	11.7	3.0	-12	-25	514.6	97.3	-7.0	41.6	-14.4
39TH	469.17	39.3	9.4	3308	3152	11.9	3.0	-11	-25	475.3	87.9	-5.9	35.7	-13.0
40TH	481.17	40.0	9.3	3308	3152	12.1	3.0	-11	-25	435.3	78.6	-4.9	30.2	-11.5
41ST	493.17	40.6	9.2	3308	3152	12.3	2.9	-11	-26	394.7	69.4	-4.0	25.2	-10.0
42ND	505.17	40.3	8.9	3308	3152	12.2	2.8	-10	-25	354.3	60.6	-3.2	20.7	-8.6
43RD	517.17	39.4	8.3	3308	3152	11.9	2.6	-9	-24	315.0	52.2	-2.5	16.7	-7.2
44TH	529.17	38.4	7.8	3308	3152	11.6	2.5	-9	-23	276.5	44.5	-2.0	13.1	-6.0
45TH	541.17	37.5	7.2	3308	3152	11.3	2.3	-8	-21	239.1	37.2	-1.5	10.1	-4.8
46TH	553.17	36.5	6.7	3308	3152	11.0	2.1	-7	-20	202.6	30.6	-1.1	7.4	-3.8
47TH	565.17	35.6	6.1	3308	3152	10.7	1.9	-6	-18	167.0	24.4	-.7	5.2	-2.8
48TH	577.17	34.6	5.6	3308	3152	10.5	1.8	-5	-17	132.4	18.8	-.5	3.4	-2.0
49TH	589.17	33.6	5.1	3308	3152	10.2	1.6	-4	-15	98.8	13.8	-.3	2.0	-1.3
50TH	601.17	32.7	4.5	3308	3152	9.9	1.4	-3	-13	66.1	9.2	-.1	1.0	-.7
		28.2	3.9	3308	3152	8.5	1.2	-3	-11					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
51ST	613.17	23.0	3.2	3308	3152	6.9	1.0	-2	-7	37.9	5.4	-.1	.4	-.2
MECH	625.17	15.0	2.1	2711	2583	5.5	.8	-0	-1	15.0	2.1	-.0	.1	-.0
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 190 CONFIGURATION A REFERENCE PRESSURE 27.9 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									1945.8	476.7	-145.6	670.6	-37.2
2ND	22.33	64.7	1.8	6179	5557	10.5	.3	-0	-1	1881.1	474.9	-135.0	627.9	-37.1
3RD	37.17	40.3	5.0	4104	3691	9.8	1.3	-0	-1	1840.8	469.9	-128.0	600.3	-37.0
4TH	49.17	30.9	7.0	3320	2986	9.3	2.3	-1	-2	1809.9	463.0	-122.4	578.4	-37.0
5TH	61.17	29.1	8.4	3320	2986	8.8	2.8	-1	-1	1780.8	454.6	-116.9	556.8	-36.9
6TH	73.17	27.4	9.8	3320	2986	8.2	3.3	-0	-0	1753.4	444.7	-111.5	535.6	-36.9
7TH	85.17	25.1	11.2	3320	2986	7.6	3.8	1	1	1728.3	433.5	-106.2	514.8	-36.9
8TH	97.17	24.4	12.3	3320	2986	7.3	4.1	1	1	1703.9	421.2	-101.1	494.2	-37.0
9TH	109.17	25.5	12.3	3320	2986	7.7	4.1	1	1	1678.4	408.9	-96.1	473.9	-37.0
10TH	121.17	26.7	12.3	3320	2986	8.0	4.1	1	1	1651.7	396.6	-91.3	453.9	-37.1
11TH	133.17	27.9	12.2	3320	2986	8.4	4.1	1	1	1623.8	384.4	-86.6	434.2	-37.2
12TH	145.17	29.1	12.2	3320	2986	8.8	4.1	1	2	1594.7	372.2	-82.1	414.9	-37.2
13TH	157.17	30.2	12.2	3320	2986	9.1	4.1	1	2	1564.5	360.0	-77.7	396.0	-37.3
14TH	169.17	33.7	12.1	3323	2439	10.2	5.0	1	2	1530.8	347.9	-73.4	377.4	-37.4
15TH	181.17	36.8	11.8	3326	1791	11.1	6.6	0	1	1493.9	336.2	-69.3	359.2	-37.4
16TH	193.17	36.8	11.4	3326	1791	11.1	6.3	-1	-1	1457.2	324.8	-65.4	341.5	-37.4
17TH	205.17	36.7	11.0	3326	1791	11.0	6.1	-1	-3	1420.4	313.8	-61.5	324.3	-37.2
18TH	217.17	36.7	10.6	3326	1791	11.0	5.9	-2	-4	1383.8	303.3	-57.8	307.5	-37.0
19TH	229.17	36.6	10.2	3326	1791	11.0	5.7	-3	-6	1347.1	293.1	-54.3	291.1	-36.7
20TH	241.17	35.7	9.8	3326	1791	10.7	5.5	-4	-9	1311.4	283.3	-50.8	275.1	-36.2
21ST	253.17	34.2	9.4	3326	1791	10.3	5.2	-6	-12	1277.2	273.9	-47.5	259.6	-35.6
22ND	265.17	32.7	9.0	3326	1791	9.8	5.0	-8	-16	1244.5	264.9	-44.2	244.5	-34.8
23RD	277.17	31.1	8.6	3326	1791	9.4	4.8	-10	-20	1213.4	256.4	-41.1	229.7	-33.9
24TH	289.17	29.6	8.2	3326	1791	8.9	4.6	-13	-24	1183.8	248.2	-38.1	215.3	-32.8
25TH	301.17	35.3	9.9	3311	2907	10.7	3.4	-12	-24	1148.5	238.3	-35.1	201.3	-31.6
		36.5	10.2	3308	3152	11.0	3.2	-12	-24					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 190 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									1111.9	228.1	-32.3	187.8	-30.3
		36.3	10.2	3308	3152	11.0	3.2	-13	-24					
27TH	325.17									1075.6	217.8	-29.7	174.6	-29.0
		36.1	10.2	3308	3152	10.9	3.2	-13	-25					
28TH	337.17									1039.6	207.6	-27.1	162.0	-27.6
		35.8	10.2	3308	3152	10.8	3.2	-13	-25					
29TH	349.17									1003.7	197.4	-24.7	149.7	-26.3
		35.6	10.2	3308	3152	10.8	3.2	-14	-26					
30TH	361.17									968.2	187.2	-22.4	137.9	-24.9
		35.3	10.2	3308	3152	10.7	3.2	-14	-26					
31ST	373.17									932.8	176.9	-20.2	126.5	-23.5
		35.1	10.2	3308	3152	10.6	3.2	-15	-27					
32ND	385.17									897.7	166.7	-18.1	115.5	-22.1
		35.3	10.2	3308	3152	10.7	3.2	-14	-27					
33RD	397.17									862.4	156.5	-16.2	104.9	-20.7
		36.5	10.1	3308	3152	11.0	3.2	-14	-26					
34TH	409.17									825.9	146.4	-14.4	94.8	-19.3
		37.7	10.0	3308	3152	11.4	3.2	-13	-26					
35TH	421.17									788.1	136.4	-12.7	85.1	-17.8
		39.0	9.9	3308	3152	11.8	3.1	-12	-26					
36TH	433.17									749.2	126.5	-11.1	75.9	-16.3
		40.2	9.8	3308	3152	12.1	3.1	-12	-25					
37TH	445.17									709.0	116.7	-9.6	67.1	-14.9
		41.4	9.7	3308	3152	12.5	3.1	-11	-25					
38TH	457.17									667.6	107.0	-8.3	58.9	-13.3
		42.6	9.6	3308	3152	12.9	3.1	-10	-25					
39TH	469.17									625.0	97.4	-7.1	51.1	-11.8
		43.8	9.5	3308	3152	13.2	3.0	-10	-24					
40TH	481.17									581.2	87.8	-6.0	43.9	-10.3
		45.0	9.4	3308	3152	13.6	3.0	-9	-24					
41ST	493.17									536.2	78.4	-5.0	37.2	-8.7
		45.7	9.1	3308	3152	13.8	2.9	-8	-23					
42ND	505.17									490.5	69.3	-4.1	31.0	-7.2
		46.0	8.6	3308	3152	13.9	2.7	-7	-21					
43RD	517.17									444.5	60.7	-3.3	25.4	-5.9
		46.3	8.0	3308	3152	14.0	2.6	-6	-19					
44TH	529.17									398.2	52.6	-2.6	20.3	-4.6
		46.6	7.5	3308	3152	14.1	2.4	-5	-17					
45TH	541.17									351.6	45.1	-2.0	15.8	-3.5
		46.9	7.0	3308	3152	14.2	2.2	-4	-15					
46TH	553.17									304.6	38.2	-1.5	11.9	-2.5
		47.2	6.4	3308	3152	14.3	2.0	-3	-13					
47TH	565.17									257.4	31.7	-1.1	8.5	-1.7
		47.5	5.9	3308	3152	14.4	1.9	-2	-11					
48TH	577.17									209.9	25.8	-.8	5.7	-1.0
		47.8	5.4	3308	3152	14.5	1.7	-2	-9					
49TH	589.17									162.1	20.5	-.5	3.5	-.4
		48.1	4.8	3308	3152	14.5	1.5	-1	-7					
50TH	601.17									114.0	15.7	-.3	1.8	.1
		44.5	5.1	3308	3152	13.5	1.6	-1	-3					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 190 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
51ST	613.17	40.0	5.6	3308	3152	12.1	1.8	0	1	69.4	10.6	-.1	.7	.3
MECH	625.17	29.4	5.0	2711	2583	10.9	1.9	2	5	29.4	5.0	-.0	.1	.2
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 200 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									1685.1	445.6	-151.5	618.2	-26.1
2ND	22.33	47.9	1.5	6179	5557	7.8	.3	-0	-1	1637.2	444.1	-141.6	581.1	-26.1
3RD	37.17	30.5	3.9	4104	3691	7.4	1.1	-0	-1	1606.7	440.2	-135.0	557.0	-26.1
4TH	49.17	23.8	5.4	3320	2986	7.2	1.8	-0	-0	1582.9	434.8	-129.8	537.9	-26.0
5TH	61.17	22.8	6.5	3320	2986	6.9	2.2	0	1	1560.0	428.3	-124.6	519.0	-26.1
6TH	73.17	21.9	7.7	3320	2986	6.6	2.6	1	2	1538.1	420.6	-119.5	500.5	-26.1
7TH	85.17	20.6	8.9	3320	2986	6.2	3.0	2	3	1517.5	411.7	-114.5	482.1	-26.2
8TH	97.17	20.4	9.7	3320	2986	6.1	3.2	3	3	1497.1	402.0	-109.6	464.0	-26.4
9TH	109.17	21.1	9.3	3320	2986	6.4	3.1	3	3	1476.0	392.7	-104.9	446.2	-26.5
10TH	121.17	21.8	9.0	3320	2986	6.6	3.0	2	3	1454.2	383.7	-100.2	428.6	-26.6
11TH	133.17	22.5	8.7	3320	2986	6.8	2.9	2	3	1431.7	375.0	-95.7	411.3	-26.7
12TH	145.17	23.2	8.4	3320	2986	7.0	2.8	2	3	1408.5	366.6	-91.2	394.3	-26.8
13TH	157.17	23.9	8.0	3320	2986	7.2	2.7	2	3	1384.7	358.6	-86.9	377.5	-26.9
14TH	169.17	26.4	7.9	3323	2439	7.9	3.2	1	2	1358.3	350.6	-82.6	361.0	-27.0
15TH	181.17	28.5	7.9	3326	1791	8.6	4.4	0	1	1329.8	342.7	-78.4	344.9	-27.0
16TH	193.17	28.3	7.9	3326	1791	8.5	4.4	-0	-1	1301.5	334.8	-74.4	329.1	-27.0
17TH	205.17	28.1	7.9	3326	1791	8.4	4.4	-1	-2	1273.5	326.9	-70.4	313.7	-26.9
18TH	217.17	27.9	7.8	3326	1791	8.4	4.4	-2	-4	1245.6	319.1	-66.5	298.6	-26.7
19TH	229.17	27.6	7.8	3326	1791	8.3	4.4	-3	-6	1218.0	311.3	-62.7	283.8	-26.5
20TH	241.17	26.7	7.8	3326	1791	8.0	4.3	-4	-8	1191.3	303.5	-59.1	269.3	-26.1
21ST	253.17	25.2	7.7	3326	1791	7.6	4.3	-6	-11	1166.1	295.8	-55.5	255.2	-25.7
22ND	265.17	23.7	7.7	3326	1791	7.1	4.3	-9	-15	1142.4	288.0	-52.0	241.3	-25.2
23RD	277.17	22.1	7.7	3326	1791	6.7	4.3	-12	-19	1120.3	280.4	-48.5	227.8	-24.5
24TH	289.17	20.6	7.7	3326	1791	6.2	4.3	-16	-23	1099.7	272.7	-45.2	214.4	-23.8
25TH	301.17	27.2	8.6	3311	2907	8.2	2.9	-12	-21	1072.5	264.1	-42.0	201.4	-22.9
		28.5	9.0	3308	3152	8.6	2.9	-12	-21					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 200 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									1044.0	255.2	-38.9	188.7	-22.0
27TH	325.17	28.2	9.3	3308	3152	8.5	2.9	-13	-21	1015.8	245.9	-35.9	176.3	-21.1
28TH	337.17	27.8	9.6	3308	3152	8.4	3.0	-14	-21	988.0	236.3	-33.0	164.3	-20.2
29TH	349.17	27.5	9.9	3308	3152	8.3	3.1	-14	-21	960.5	226.4	-30.2	152.6	-19.3
30TH	361.17	27.1	10.2	3308	3152	8.2	3.2	-15	-22	933.4	216.2	-27.6	141.3	-18.4
31ST	373.17	26.8	10.5	3308	3152	8.1	3.3	-16	-22	906.6	205.7	-25.0	130.2	-17.5
32ND	385.17	26.5	10.8	3308	3152	8.0	3.4	-17	-22	880.1	194.9	-22.6	119.5	-16.5
33RD	397.17	26.7	11.1	3308	3152	8.1	3.5	-17	-22	853.4	183.8	-20.4	109.1	-15.6
34TH	409.17	28.8	11.0	3308	3152	8.7	3.5	-15	-22	824.6	172.9	-18.2	99.0	-14.6
35TH	421.17	30.9	10.9	3308	3152	9.3	3.5	-14	-22	793.6	162.0	-16.2	89.3	-13.6
36TH	433.17	33.0	10.8	3308	3152	10.0	3.4	-13	-22	760.6	151.2	-14.3	80.0	-12.5
37TH	445.17	35.1	10.7	3308	3152	10.6	3.4	-12	-22	725.5	140.4	-12.6	71.1	-11.3
38TH	457.17	37.2	10.7	3308	3152	11.3	3.4	-12	-22	688.3	129.8	-11.0	62.6	-10.1
39TH	469.17	39.3	10.6	3308	3152	11.9	3.4	-11	-22	648.9	119.2	-9.5	54.6	-8.8
40TH	481.17	41.4	10.5	3308	3152	12.5	3.3	-10	-22	607.5	108.7	-8.1	47.0	-7.5
41ST	493.17	43.5	10.4	3308	3152	13.2	3.3	-10	-22	563.9	98.3	-6.9	40.0	-6.1
42ND	505.17	45.0	10.1	3308	3152	13.6	3.2	-8	-20	519.0	88.2	-5.7	33.5	-4.8
43RD	517.17	45.9	9.6	3308	3152	13.9	3.0	-7	-18	473.1	78.6	-4.7	27.6	-3.6
44TH	529.17	46.8	9.0	3308	3152	14.1	2.9	-6	-15	426.3	69.5	-3.8	22.2	-2.6
45TH	541.17	47.7	8.5	3308	3152	14.4	2.7	-4	-13	378.6	61.0	-3.1	17.3	-1.7
46TH	553.17	48.6	8.0	3308	3152	14.7	2.5	-3	-11	330.1	53.1	-2.4	13.1	-1.9
47TH	565.17	49.5	7.4	3308	3152	15.0	2.4	-2	-9	280.6	45.7	-1.8	9.4	-.4
48TH	577.17	50.4	6.9	3308	3152	15.2	2.2	-2	-6	230.3	38.8	-1.3	6.4	.1
49TH	589.17	51.3	6.4	3308	3152	15.5	2.0	-1	-4	179.0	32.4	-.8	3.9	.4
50TH	601.17	52.1	5.8	3308	3152	15.8	1.8	-0	-2	126.9	26.6	-.5	2.1	.6
		48.8	7.4	3308	3152	14.8	2.3	0	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 200 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
51ST	613.17									78.1	19.2	- 2	.8	.5
		44.6	9.6	3308	3152	13.5	3.1	1	3					
MECH	625.17									33.4	9.6	-.0	.2	.3
		33.4	9.6	2711	2583	12.3	3.7	3	6					
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									1612.4	285.5	-103.7	613.7	-5.3
2ND	22.33	46.0	1.4	6179	5557	7.4	.3	-0	-1	1566.4	284.1	-97.4	578.2	-5.2
3RD	37.17	29.6	2.0	4104	3691	7.2	.5	-0	-2	1536.8	282.1	-93.2	555.2	-5.1
4TH	49.17	23.1	2.7	3320	2986	7.0	.9	-0	-2	1513.7	279.4	-89.8	536.9	-5.1
5TH	61.17	22.6	3.3	3320	2986	6.8	1.1	-0	-1	1491.2	276.0	-86.5	518.9	-5.0
6TH	73.17	22.0	4.0	3320	2986	6.6	1.3	-0	-1	1469.1	272.1	-83.2	501.1	-5.0
7TH	85.17	21.4	4.6	3320	2986	6.4	1.5	-0	-1	1447.7	267.5	-79.9	483.6	-5.0
8TH	97.17	20.9	5.1	3320	2986	6.3	1.7	-0	-1	1426.9	262.4	-76.8	466.4	-4.9
9TH	109.17	20.1	5.2	3320	2986	6.1	1.7	-0	-1	1406.8	257.2	-73.6	449.4	-4.9
10TH	121.17	19.4	5.3	3320	2986	5.8	1.8	-0	-1	1387.4	251.9	-70.6	432.6	-4.9
11TH	133.17	18.6	5.4	3320	2986	5.6	1.8	-0	-1	1368.7	246.5	-67.6	416.1	-4.9
12TH	145.17	17.9	5.4	3320	2986	5.4	1.8	-0	-1	1350.8	241.1	-64.7	399.8	-4.9
13TH	157.17	17.2	5.5	3320	2986	5.2	1.9	-0	-1	1333.7	235.5	-61.8	383.7	-4.9
14TH	169.17	17.3	5.8	3323	2439	5.2	2.4	-0	-1	1316.3	229.7	-59.0	367.7	-4.8
15TH	181.17	18.3	6.0	3326	1791	5.5	3.3	-1	-1	1298.0	223.7	-56.3	352.1	-4.8
16TH	193.17	18.5	5.8	3326	1791	5.6	3.2	-1	-2	1279.5	217.9	-53.6	336.6	-4.8
17TH	205.17	18.7	5.6	3326	1791	5.6	3.1	-1	-3	1260.9	212.3	-51.1	321.4	-4.7
18TH	217.17	18.9	5.4	3326	1791	5.7	3.0	-2	-3	1242.0	206.9	-48.5	306.3	-4.6
19TH	229.17	19.0	5.2	3326	1791	5.7	2.9	-2	-4	1223.0	201.7	-46.1	291.5	-4.5
20TH	241.17	18.6	5.0	3326	1791	5.6	2.8	-2	-5	1204.3	196.7	-43.7	277.0	-4.4
21ST	253.17	17.8	4.8	3326	1791	5.3	2.7	-3	-6	1186.6	191.9	-41.4	262.6	-4.2
22ND	265.17	16.9	4.6	3326	1791	5.1	2.6	-4	-7	1169.7	187.2	-39.1	248.5	-4.0
23RD	277.17	16.0	4.4	3326	1791	4.8	2.5	-4	-8	1153.7	182.8	-36.9	234.6	-3.8
24TH	289.17	15.1	4.2	3326	1791	4.5	2.4	-5	-10	1138.6	178.6	-34.7	220.8	-3.6
25TH	301.17	25.1	3.8	3311	2907	7.6	1.3	-2	-7	1113.5	174.7	-32.6	207.3	-3.4
		27.8	4.0	3308	3152	8.4	1.3	-2	-6					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 27 0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									1085.7	170.7	-30.5	194.1	-3.1
		28.3	4.4	3308	3152	8.6	1.4	-2	-6					
27TH	325.17									1057.4	166.3	-28.5	181.2	-2.9
		28.8	4.8	3308	3152	8.7	1.5	-2	-6					
28TH	337.17									1028.6	161.5	-26.5	168.7	-2.6
		29.3	5.1	3308	3152	8.9	1.6	-2	-6					
29TH	349.17									999.3	156.4	-24.6	156.6	-2.3
		29.9	5.5	3308	3152	9.0	1.7	-2	-6					
30TH	361.17									969.4	150.9	-22.8	144.7	-2.1
		30.4	5.9	3308	3152	9.2	1.9	-2	-6					
31ST	373.17									939.0	145.1	-21.0	133.3	-1.8
		30.9	6.2	3308	3152	9.3	2.0	-2	-6					
32ND	385.17									908.1	138.9	-19.3	122.2	-1.5
		31.5	6.5	3308	3152	9.5	2.1	-2	-6					
33RD	397.17									876.6	132.3	-17.7	111.5	-1.3
		32.9	6.3	3308	3152	10.0	2.0	-2	-6					
34TH	409.17									843.6	126.0	-16.1	101.2	-1.0
		34.4	6.1	3308	3152	10.4	1.9	-2	-7					
35TH	421.17									809.2	119.9	-14.6	91.3	-.6
		35.8	6.0	3308	3152	10.8	1.9	-2	-7					
36TH	433.17									773.5	113.9	-13.2	81.8	-.3
		37.2	5.8	3308	3152	11.2	1.8	-2	-7					
37TH	445.17									736.2	108.1	-11.9	72.7	.1
		38.6	5.6	3308	3152	11.7	1.8	-2	-7					
38TH	457.17									697.6	102.6	-10.6	64.1	.5
		40.1	5.4	3308	3152	12.1	1.7	-2	-8					
39TH	469.17									657.6	97.2	-9.4	56.0	1.0
		41.5	5.2	3308	3152	12.5	1.6	-2	-8					
40TH	481.17									616.1	92.0	-8.3	48.3	1.4
		42.9	5.0	3308	3152	13.0	1.6	-2	-8					
41ST	493.17									573.2	87.0	-7.2	41.2	1.9
		44.3	5.0	3308	3152	13.4	1.6	-1	-7					
42ND	505.17									528.9	81.9	-6 2	34.6	2.3
		45.4	5.3	3308	3152	13.7	1.7	-1	-5					
43RD	517.17									483.5	76.6	-5.3	28.5	2.6
		46.5	5.5	3308	3152	14.1	1.8	-1	-3					
44TH	529.17									437.0	71.1	-4.4	23.0	2.9
		47.7	5.8	3308	3152	14.4	1.8	-0	-2					
45TH	541.17									389 3	65.3	-3.6	18.0	3.0
		48.8	6.1	3308	3152	14.8	1.9	-0	-0					
46TH	553.17									340.5	59.2	-2 8	13.7	3.0
		49.9	6.3	3308	3152	15.1	2.0	0	1					
47TH	565.17									290.6	52.9	-2.1	9.9	2.9
		51.1	6.6	3308	3152	15.4	2.1	1	3					
48TH	577.17									239.5	46.4	-1.6	6.7	2.7
		52.2	6.8	3308	3152	15.8	2.2	1	4					
49TH	589.17									187.3	39.6	-1.0	4.1	2.4
		53.3	7.1	3308	3152	16.1	2.2	1	5					
50TH	601.17									134.0	32.5	-.6	2.2	2.0
		50.6	9.1	3308	3152	15.3	2.9	3	8					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
51ST	613.17	47.2	11.8	3308	3152	14.3	3.7	5	10	83.4	23.4	-.3	.9	1.4
MECH	625.17	36.2	11.6	2711	2583	13.3	4.5	8	13	36.2	11.6	-.1	.2	.7
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									1518.6	93.3	-39.5	529.9	-3.9
2ND	22.33	50.1	.5	6179	5557	8.1	.1	-0	-5	1468.5	92.7	-37.4	496.6	-3.5
3RD	37.17	31.6	.3	4104	3691	7.7	.1	-0	-6	1436.9	92.4	-36.0	475.0	-3.2
4TH	49.17	24.4	.6	3320	2986	7.4	.2	-0	-6	1412.5	91.8	-34.9	457.9	-3.0
5TH	61.17	23.6	.8	3320	2986	7.1	.3	-0	-6	1388.9	91.0	-33.8	441.1	-2.8
6TH	73.17	22.8	1.0	3320	2986	6.9	.3	-1	-7	1366.1	90.0	-32.7	424.6	-2.6
7TH	85.17	21.8	1.2	3320	2986	6.6	.4	-1	-7	1344.2	88.8	-31.6	408.3	-2.4
8TH	97.17	21.2	1.3	3320	2986	6.4	.4	-1	-8	1323.0	87.5	-30.6	392.3	-2.2
9TH	109.17	20.7	1.4	3320	2986	6.2	.5	-1	-8	1302.3	86.0	-29.5	376.6	-1.9
10TH	121.17	20.3	1.5	3320	2986	6.1	.5	-1	-8	1282.0	84.5	-28.5	361.1	-1.7
11TH	133.17	19.9	1.6	3320	2986	6.0	.5	-1	-9	1262.1	82.9	-27.5	345.8	-1.5
12TH	145.17	19.4	1.7	3320	2986	5.8	.6	-1	-9	1242.7	81.3	-26.5	330.8	-1.2
13TH	157.17	19.0	1.8	3320	2986	5.7	.6	-2	-10	1223.8	79.5	-25.6	316.0	-1.0
14TH	169.17	19.6	2.1	3323	2439	5.9	.8	-2	-10	1204.2	77.5	-24.6	301.4	-.7
15TH	181.17	21.0	2.3	3326	1791	6.3	1.3	-2	-10	1183.1	75.2	-23.7	287.1	-.4
16TH	193.17	21.6	2.1	3326	1791	6.5	1.2	-2	-10	1161.5	73.0	-22.8	273.0	-.1
17TH	205.17	22.2	2.0	3326	1791	6.7	1.1	-2	-11	1139.4	71.1	-22.0	259.2	.2
18TH	217.17	22.7	1.8	3326	1791	6.8	1.0	-2	-11	1116.6	69.3	-21.1	245.7	.6
19TH	229.17	23.3	1.6	3326	1791	7.0	.9	-2	-12	1093.3	67.7	-20.3	232.4	1.0
20TH	241.17	23.1	1.4	3326	1791	7.0	.8	-1	-12	1070.2	66.2	-19.5	219.4	1.3
21ST	253.17	22.4	1.3	3326	1791	6.7	.7	-1	-12	1047.7	65.0	-18.7	206.7	1.7
22ND	265.17	21.7	1.1	3326	1791	6.5	.6	-1	-11	1026.0	63.9	-17.9	194.3	2.0
23RD	277.17	21.0	.9	3326	1791	6.3	.5	-1	-11	1005.0	63.0	-17.2	182.1	2.4
24TH	289.17	20.3	.8	3326	1791	6.1	.4	-1	-11	984.7	62.2	-16.4	170.1	2.7
25TH	301.17	29.9	.1	3311	2907	9.0	.0	-0	-7	954.7	62.1	-15.7	158.5	3.0
		32.5	.1	3308	3152	9.8	.0	-0	-6					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									922.3	61.9	-14.9	147.2	3.2
27TH	325.17	32.9	.3	3308	3152	9.9	.1	-0	-5	889.4	61.6	-14.2	136.4	3.5
28TH	337.17	33.4	.5	3308	3152	10.1	.2	-0	-5	856.0	61.1	-13.5	125.9	3.7
29TH	349.17	33.8	.7	3308	3152	10.2	.2	-0	-4	822.2	60.5	-12.7	115.8	3.9
30TH	361.17	34.2	.8	3308	3152	10.4	.3	-0	-4	788.0	59.6	-12.0	106.2	4.1
31ST	373.17	34.7	1.0	3308	3152	10.5	.3	-0	-3	753.3	58.6	-11.3	96.9	4.2
32ND	385.17	35.1	1.2	3308	3152	10.6	.4	-0	-3	718.2	57.4	-10.6	88.1	4.4
33RD	397.17	35.3	1.3	3308	3152	10.7	.4	-0	-3	682.9	56.0	-9.9	79.7	4.5
34TH	409.17	35.2	1.2	3308	3152	10.6	.4	-0	-2	647.7	54.9	-9.2	71.7	4.6
35TH	421.17	35.1	1.0	3308	3152	10.6	.3	-0	-2	612.5	53.9	-8.6	64.1	4.7
36TH	433.17	35.0	.8	3308	3152	10.6	.3	-0	-1	577.5	53.0	-8.0	57.0	4.7
37TH	445.17	35.0	.7	3308	3152	10.6	.2	-0	-1	542.6	52.4	-7.3	50.3	4.8
38TH	457.17	34.9	.5	3308	3152	10.5	.2	-0	-0	507.7	51.9	-6.7	44.0	4.8
39TH	469.17	34.8	.3	3308	3152	10.5	.1	0	0	472.9	51.6	-6.1	38.1	4.8
40TH	481.17	34.7	.1	3308	3152	10.5	.0	0	1	438.2	51.4	-5.5	32.6	4.8
41ST	493.17	34.6	-.0	3308	3152	10.5	-.0	-0	1	403.6	51.5	-4.8	27.6	4.7
42ND	505.17	34.8	.3	3308	3152	10.5	.1	0	2	368.7	51.2	-4.2	23.0	4.6
43RD	517.17	35.1	1.0	3308	3152	10.6	.3	0	3	333.6	50.2	-3.6	18.7	4.5
44TH	529.17	35.4	1.8	3308	3152	10.7	.6	0	5	298.2	48.3	-3.0	14.9	4.2
45TH	541.17	35.6	2.6	3308	3152	10.8	.8	1	6	262.6	45.7	-2.5	11.6	4.0
46TH	553.17	35.9	3.4	3308	3152	10.9	1.1	1	7	226.7	42.4	-1.9	8.6	3.6
47TH	565.17	36.2	4.2	3308	3152	10.9	1.3	2	8	190.5	38.2	-1.4	6.1	3.2
48TH	577.17	36.5	4.9	3308	3152	11.0	1.6	2	9	154.0	33.2	-1.0	4.1	2.7
49TH	589.17	36.7	5.7	3308	3152	11.1	1.8	3	10	117.3	27.5	-.7	2.4	2.2
50TH	601.17	37.0	6.5	3308	3152	11.2	2.1	4	11	80.4	21.0	-.4	1.3	1.6
		32.9	7.0	3308	3152	9.9	2.2	5	12					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
51ST	613.17	28.1	7.5	3308	3152	8.5	2.4	7	14	47.5	14.0	-.2	.5	1.0
MECH	625.17	19.4	6.5	2711	2583	7.2	2.5	10	15	19.4	6.5	-.0	.1	.5
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									1368.6	-221.3	89.0	472.9	-7.0
2ND	22.33	48.1	-1.0	6179	5557	7.8	-.2	0	-3	1320.5	-220.3	84.1	442.9	-6.8
3RD	37.17	30.9	-.7	4104	3691	7.5	-.2	0	-4	1289.6	-219.6	80.8	423.5	-6.6
4TH	49.17	24.1	-.2	3320	2986	7.2	-.1	0	-4	1265.5	-219.5	78.2	408.2	-6.4
5TH	61.17	23.5	-.1	3320	2986	7.1	-.0	0	-4	1242.1	-219.3	75.6	393.2	-6.3
6TH	73.17	22.9	-.1	3320	2986	6.9	-.0	0	-4	1219.2	-219.3	72.9	378.4	-6.2
7TH	85.17	22.1	-.0	3320	2986	6.7	-.0	0	-4	1197.1	-219.2	70.3	363.9	-6.0
8TH	97.17	21.6	-.1	3320	2986	6.5	-.0	0	-5	1175.6	-219.1	67.7	349.7	-5.9
9TH	109.17	21.2	-.6	3320	2986	6.4	-.2	0	-5	1154.4	-218.5	65.1	335.7	-5.8
10TH	121.17	20.9	-1.1	3320	2986	6.3	-.4	1	-5	1133.5	-217.4	62.4	321.9	-5.6
11TH	133.17	20.5	-1.6	3320	2986	6.2	-.5	1	-6	1113.0	-215.8	59.8	308.5	-5.4
12TH	145.17	20.1	-2.1	3320	2986	6.1	-.7	1	-6	1092.8	-213.6	57.3	295.2	-5.3
13TH	157.17	19.8	-2.6	3320	2986	6.0	-.9	2	-6	1073.1	-211.0	54.7	282.2	-5.1
14TH	169.17	20.1	-2.9	3323	2439	6.0	-1.2	2	-7	1053.0	-208.1	52.2	269.5	-4.9
15TH	181.17	20.7	-2.9	3326	1791	6.2	-1.6	2	-8	1032.2	-205.2	49.7	257.0	-4.7
16TH	193.17	20.8	-3.1	3326	1791	6.2	-1.7	2	-8	1011.4	-202.2	47.3	244.7	-4.4
17TH	205.17	20.8	-3.2	3326	1791	6.3	-1.8	3	-9	990.6	-199.0	44.9	232.7	-4.2
18TH	217.17	20.9	-3.4	3326	1791	6.3	-1.9	3	-10	969.8	-195.6	42.5	220.9	-3.9
19TH	229.17	20.9	-3.6	3326	1791	6.3	-2.0	3	-10	948.9	-192.0	40.2	209.4	-3.6
20TH	241.17	20.8	-3.7	3326	1791	6.2	-2.1	3	-10	928.1	-188.3	37.9	198.2	-3.3
21ST	253.17	20.5	-3.9	3326	1791	6.2	-2.2	4	-10	907.6	-184.4	35.7	187.1	-3.0
22ND	265.17	20.3	-4.0	3326	1791	6.1	-2.3	4	-10	887.3	-180.4	33.5	176.4	-2.7
23RD	277.17	20.0	-4.2	3326	1791	6.0	-2.4	4	-9	867.3	-176.1	31.3	165.8	-2.4
24TH	289.17	19.8	-4.4	3326	1791	5.9	-2.4	4	-9	847.5	-171.8	29.2	155.6	-2.2
25TH	301.17	24.9	-5.4	3311	2907	7.5	-1.9	2	-6	822.6	-166.3	27.2	145.5	-2.0
		26.2	-5.8	3308	3152	7.9	-1.8	2	-5					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									796.4	-160.5	25.3	135.8	-1.8
27TH	325.17	26.3	-5.9	3308	3152	7.9	-1.9	2	-5	770.2	-154.6	23.4	126.4	-1.6
28TH	337.17	26.3	-6.1	3308	3152	8.0	-1.9	2	-4	743.8	-148.6	21.5	117.3	-1.5
29TH	349.17	26.4	-6.2	3308	3152	8.0	-2.0	1	-3	717.4	-142.4	19.8	108.6	-1.3
30TH	361.17	26.5	-6.3	3308	3152	8.0	-2.0	1	-3	690.8	-136.0	18.1	100.1	-1.2
31ST	373.17	26.6	-6.5	3308	3152	8.1	-2.1	1	-2	664.2	-129.5	16.5	92.0	-1.1
32ND	385.17	26.7	-6.6	3308	3152	8.1	-2.1	1	-2	637.5	-122.9	15.0	84.2	-1.1
33RD	397.17	26.8	-6.7	3308	3152	8.1	-2.1	1	-1	610.7	-116.1	13.6	76.7	-1.0
34TH	409.17	26.9	-6.6	3308	3152	8.1	-2.1	0	-1	583.8	-109.5	12.2	69.5	-1.0
35TH	421.17	27.1	-6.5	3308	3152	8.2	-2.1	0	-1	556.7	-103.0	11.0	62.7	-1.0
36TH	433.17	27.2	-6.4	3308	3152	8.2	-2.0	0	-0	529.5	-96.7	9.8	56.2	-1.0
37TH	445.17	27.4	-6.2	3308	3152	8.3	-2.0	-0	0	502.1	-90.4	8.6	50.0	-1.0
38TH	457.17	27.5	-6.1	3308	3152	8.3	-1.9	-0	0	474.6	-84.3	7.6	44.1	-1.0
39TH	469.17	27.7	-6.0	3308	3152	8.4	-1.9	-0	1	446.9	-78.3	6.6	38.6	-1.0
40TH	481.17	27.9	-5.9	3308	3152	8.4	-1.9	-0	1	419.0	-72.5	5.7	33.4	-1.0
41ST	493.17	28.0	-5.7	3308	3152	8.5	-1.8	-0	1	391.0	-66.7	4.9	28.5	-1.1
42ND	505.17	28.8	-5.6	3308	3152	8.7	-1.8	-0	1	362.2	-61.1	4.1	24.0	-1.1
43RD	517.17	29.8	-5.6	3308	3152	9.0	-1.8	-0	1	332.4	-55.5	3.4	19.9	-1.1
44TH	529.17	30.8	-5.5	3308	3152	9.3	-1.7	-0	0	301.6	-50.0	2.8	16.0	-1.1
45TH	541.17	31.9	-5.4	3308	3152	9.6	-1.7	-0	0	269.7	-44.6	2.2	12.6	-1.1
46TH	553.17	32.9	-5.4	3308	3152	9.9	-1.7	0	-0	236.8	-39.2	1.7	9.6	-1.1
47TH	565.17	33.9	-5.3	3308	3152	10.3	-1.7	0	-0	202.8	-33.9	1.3	6.9	-1.1
48TH	577.17	35.0	-5.2	3308	3152	10.6	-1.7	0	-1	167.8	-28.7	.9	4.7	-1.1
49TH	589.17	36.0	-5.2	3308	3152	10.9	-1.6	0	-1	131.8	-23.5	.6	2.9	-1.0
50TH	601.17	37.0	-5.1	3308	3152	11.2	-1.6	0	-1	94.8	-18.4	.3	1.6	-1.0
		35.6	-5.7	3308	3152	10.8	-1.8	1	-4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
51ST	613.17	33.4	-6.6	3308	3152	10.1	-2.1	3	-7	59.2	-12.6	.1	.6	-.8
MECH	625.17	25.8	-6.0	2711	2583	9.5	-2.3	5	-11	25.8	-6.0	.0	.1	-.4
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									1450.2	-463.4	174.9	522.6	-6.3
2ND	22.33	43.3	-8.6	6179	5557	7.0	-1.5	4	-11	1406.9	-454.8	164.7	490.7	-5.7
3RD	37.17	28.4	-6.2	4104	3691	6.9	-1.7	5	-13	1378.5	-448.6	158.0	470.0	-5.1
4TH	49.17	22.3	-4.8	3320	2986	6.7	-1.6	5	-12	1356.2	-443.8	152.6	453.6	-4.7
5TH	61.17	22.0	-5.0	3320	2986	6.6	-1.7	5	-13	1334.2	-438.7	147.3	437.5	-4.3
6TH	73.17	21.6	-5.2	3320	2986	6.5	-1.7	6	-13	1312.6	-433.5	142 1	421.6	-3.9
7TH	85.17	21.3	-5.4	3320	2986	6.4	-1.8	6	-13	1291.3	-428.1	136.9	406.0	-3.5
8TH	97.17	21.1	-5.6	3320	2986	6.3	-1.9	6	-12	1270.2	-422.5	131.8	390.6	-3.1
9TH	109.17	21.0	-5.8	3320	2986	6.3	-1.9	6	-11	1249.2	-416.7	126.8	375.5	-2.8
10TH	121.17	20.9	-6.0	3320	2986	6.3	-2.0	5	-10	1228.3	-410.7	121.8	360.6	-2.5
11TH	133.17	20.9	-6.2	3320	2986	6.3	-2.1	5	-9	1207.4	-404.5	116.9	346.0	-2.2
12TH	145.17	20.8	-6.4	3320	2986	6.3	-2.2	5	-8	1186.6	-398.1	112.1	331.6	-1.9
13TH	157.17	20.8	-6.6	3320	2986	6.3	-2.2	4	-7	1165.8	-391.4	107.4	317.5	-1.7
14TH	169.17	20.9	-6.7	3323	2439	6.3	-2.7	3	-6	1144.9	-384.7	102.7	303.7	-1.6
15TH	181.17	21.1	-6.6	3326	1791	6.3	-3.7	3	-5	1123.8	-378.1	98.2	290.0	-1.4
16TH	193.17	21.1	-6.7	3326	1791	6.3	-3.7	3	-6	1102.7	-371.4	93.7	276.7	-1.2
17TH	205.17	21.1	-6.8	3326	1791	6.3	-3.8	4	-6	1081.6	-364.6	89.2	263.6	-1.0
18TH	217.17	21.1	-6.8	3326	1791	6.3	-3.8	4	-6	1060.5	-357.7	84.9	250.7	-.8
19TH	229.17	21.1	-6.9	3326	1791	6.3	-3.9	4	-7	1039.4	-350.8	80.7	238.1	-.6
20TH	241.17	20.8	-7.0	3326	1791	6.3	-3.9	4	-7	1018.6	-343.8	76.5	225.8	-.4
21ST	253.17	20.4	-7.0	3326	1791	6.1	-3.9	4	-6	998.1	-336.8	72.4	213.7	-.2
22ND	265.17	20.0	-7.1	3326	1791	6.0	-4.0	4	-5	978.2	-329.7	68.4	201.8	.0
23RD	277.17	19.5	-7.2	3326	1791	5.9	-4.0	3	-5	958.6	-322.5	64.5	190.2	.2
24TH	289.17	19.1	-7.2	3326	1791	5.7	-4.0	3	-4	939.5	-315.3	60.7	178.8	.3
25TH	301.17	24.6	-8.3	3311	2907	7.4	-2.8	1	-2	914.9	-307.0	56.9	167.7	.4
		25.9	-8.5	3308	3152	7.8	-2.7	1	-1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									889.0	-298.5	53.3	156.9	.4
27TH	325.17	26.1	-8.5	3308	3152	7.9	-2.7	0	-1	862.9	-290.0	49.8	146.3	.4
28TH	337.17	26.3	-8.5	3308	3152	7.9	-2.7	-0	0	836.6	-281.5	46.3	136.2	.4
29TH	349.17	26.4	-8.5	3308	3152	8.0	-2.7	-0	1	810.2	-273.1	43.0	126.3	.4
30TH	361.17	26.6	-8.5	3308	3152	8.0	-2.7	-1	1	783.5	-264.6	39.8	116.7	.4
31ST	373.17	26.8	-8.5	3308	3152	8.1	-2.7	-1	2	756.8	-256.1	36.7	107.5	.3
32ND	385.17	26.9	-8.5	3308	3152	8.1	-2.7	-2	3	729.8	-247.6	33.6	98.5	.2
33RD	397.17	27.2	-8.5	3308	3152	8.2	-2.7	-2	3	702.6	-239.1	30.7	90.0	.0
34TH	409.17	27.9	-8.9	3308	3152	8.4	-2.8	-1	2	674.7	-230.2	27.9	81.7	-.1
35TH	421.17	28.5	-9.3	3308	3152	8.6	-3.0	-1	2	646.2	-220.8	25.2	73.8	-.1
36TH	433.17	29.2	-9.7	3308	3152	8.8	-3.1	-1	2	617.1	-211.1	22.6	66.2	-.2
37TH	445.17	29.8	-10.1	3308	3152	9.0	-3.2	-1	1	587.2	-201.0	20.1	59.0	-.3
38TH	457.17	30.5	-10.5	3308	3152	9.2	-3.3	-0	1	556.7	-190.4	17.8	52.1	-.3
39TH	469.17	31.1	-10.9	3308	3152	9.4	-3.5	-0	0	525.6	-179.5	15.6	45.6	-.3
40TH	481.17	31.8	-11.4	3308	3152	9.6	-3.6	0	-0	493.8	-168.1	13.5	39.5	-.3
41ST	493.17	32.5	-11.8	3308	3152	9.8	-3.7	0	-1	461.3	-156.4	11.5	33.8	-.3
42ND	505.17	33.5	-12.0	3308	3152	10.1	-3.8	0	-1	427.8	-144.3	9.7	28.4	-.2
43RD	517.17	34.9	-12.2	3308	3152	10.5	-3.9	0	-0	392.9	-132.1	8.1	23.5	-.2
44TH	529.17	36.2	-12.4	3308	3152	10.9	-3.9	0	-0	356.8	-119.7	6.6	19.0	-.2
45TH	541.17	37.5	-12.6	3308	3152	11.3	-4.0	0	-0	319.3	-107.1	5.2	14.9	-.2
46TH	553.17	38.8	-12.7	3308	3152	11.7	-4.0	0	-0	280.5	-94.4	4.0	11.3	-.2
47TH	565.17	40.1	-12.9	3308	3152	12.1	-4.1	-0	0	240.3	-81.4	2.9	8.2	-.2
48TH	577.17	41.4	-13.1	3308	3152	12.5	-4.2	-0	0	198.9	-68.4	2.0	5.6	-.2
49TH	589.17	42.7	-13.3	3308	3152	12.9	-4.2	-0	0	156.2	-55.1	1.3	3.5	-.2
50TH	601.17	44.1	-13.4	3308	3152	13.3	-4.3	-0	0	112.1	-41.7	.7	1.8	-.2
		42.3	-14.1	3308	3152	12.8	-4.5	0	-1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
51ST	613.17									69.8	-27.6	.3	.7	-.2
		39.5	-14.8	3308	3152	11.9	-4.7	1	-1					
MECH	625.17									30.3	-12.7	.1	.1	-.1
		30.3	-12.7	2711	2583	11.2	-4.9	2	-2					
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 250 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									1605.7	-666.6	244.1	564.8	-13.2
2ND	22.33	50.3	-19.6	6179	5557	8.1	-3.5	9	-13	1555.4	-647.0	229.4	529.5	-12.2
3RD	37.17	32.8	-13.3	4104	3691	8.0	-3.6	10	-14	1522.6	-633.7	219.9	506.7	-11.5
4TH	49.17	25.7	-10.4	3320	2986	7.7	-3.5	10	-13	1496.9	-623.3	212.3	488.6	-10.9
5TH	61.17	25.3	-10.2	3320	2986	7.6	-3.4	10	-13	1471.5	-613.1	204.9	470.8	-10.4
6TH	73.17	25.0	-10.0	3320	2986	7.5	-3.4	10	-13	1446.5	-603.1	197.6	453.3	-9.9
7TH	85.17	24.6	-9.9	3320	2986	7.4	-3.3	10	-13	1422.0	-593.2	190.5	436.1	-9.4
8TH	97.17	24.2	-9.7	3320	2986	7.3	-3.3	10	-13	1397.8	-583.5	183.4	419.2	-8.9
9TH	109.17	23.9	-9.5	3320	2986	7.2	-3.2	9	-12	1373.9	-574.0	176.4	402.5	-8.4
10TH	121.17	23.6	-9.3	3320	2986	7.1	-3.1	9	-12	1350.3	-564.7	169.6	386.2	-8.0
11TH	133.17	23.3	-9.1	3320	2986	7.0	-3.1	8	-11	1327.0	-555.6	162.9	370.1	-7.5
12TH	145.17	23.0	-8.9	3320	2986	6.9	-3.0	8	-10	1304.0	-546.7	156.3	354.3	-7.2
13TH	157.17	22.7	-8.7	3320	2986	6.8	-2.9	7	-10	1281.3	-537.9	149.8	338.8	-6.8
14TH	169.17	22.7	-8.2	3323	2439	6.8	-3.4	6	-10	1258.6	-529.7	143.4	323.6	-6.5
15TH	181.17	22.7	-7.7	3326	1791	6.8	-4.3	6	-10	1235.9	-522.0	137.1	308.6	-6.1
16TH	193.17	22.6	-7.8	3326	1791	6.8	-4.3	7	-10	1213.3	-514.3	130.8	293.9	-5.8
17TH	205.17	22.4	-7.8	3326	1791	6.7	-4.4	7	-10	1190.9	-506.5	124.7	279.5	-5.4
18TH	217.17	22.3	-7.8	3326	1791	6.7	-4.4	7	-11	1168.6	-498.6	118.7	265.3	-5.0
19TH	229.17	22.2	-7.9	3326	1791	6.7	-4.4	7	-11	1146.4	-490.7	112.7	251.4	-4.6
20TH	241.17	22.1	-7.9	3326	1791	6.6	-4.4	7	-11	1124.3	-482.8	106.9	237.8	-4.3
21ST	253.17	22.0	-8.0	3326	1791	6.6	-4.5	7	-10	1102.3	-474.8	101.2	224.5	-3.9
22ND	265.17	21.9	-8.0	3326	1791	6.6	-4.5	6	-10	1080.3	-466.8	95.5	211.4	-3.6
23RD	277.17	21.9	-8.1	3326	1791	6.6	-4.5	6	-9	1058.5	-458.7	90.0	198.5	-3.3
24TH	289.17	21.8	-8.1	3326	1791	6.6	-4.5	6	-8	1036.6	-450.6	84.5	186.0	-3.0
25TH	301.17	26.7	-9.1	3311	2907	8.1	-3.1	4	-7	1009.9	-441.5	79.2	173.7	-2.7
		28.5	-9.7	3308	3152	8.6	-3.1	4	-6					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 250 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									981.5	-431.8	73.9	161.7	-2.5
27TH	325.17	29.3	-10.1	3308	3152	8.9	-3.2	4	-6	952.2	-421.7	68.8	150.1	-2.2
28TH	337.17	30.1	-10.5	3308	3152	9.1	-3.3	4	-6	922.1	-411.2	63.8	138.9	-1.9
29TH	349.17	30.9	-10.9	3308	3152	9.4	-3.5	3	-5	891.1	-400.3	58.9	128.0	-1.7
30TH	361.17	31.8	-11.3	3308	3152	9.6	-3.6	3	-5	859.3	-389.0	54.2	117.5	-1.4
31ST	373.17	32.6	-11.7	3308	3152	9.9	-3.7	3	-5	826.7	-377.3	49.6	107.4	-1.2
32ND	385.17	33.4	-12.1	3308	3152	10.1	-3.9	3	-5	793.3	-365.2	45.1	97.7	-1.0
33RD	397.17	34.2	-12.6	3308	3152	10.4	-4.0	3	-4	759.1	-352.5	40.8	88.4	-.7
34TH	409.17	35.2	-13.8	3308	3152	10.7	-4.4	3	-4	723.8	-338.7	36.7	79.5	-.5
35TH	421.17	36.2	-15.0	3308	3152	11.0	-4.8	3	-4	687.6	-323.7	32.7	71.0	-.2
36TH	433.17	37.2	-16.2	3308	3152	11.3	-5.2	3	-4	650.4	-307.4	28.9	63.0	.0
37TH	445.17	38.2	-17.4	3308	3152	11.6	-5.5	3	-4	612.1	-290.0	25.3	55.4	.2
38TH	457.17	39.2	-18.6	3308	3152	11.9	-5.9	3	-4	572.9	-271.4	22.0	48.3	.5
39TH	469.17	40.2	-19.8	3308	3152	12.2	-6.3	3	-4	532.7	-251.5	18.8	41.6	.7
40TH	481.17	41.2	-21.1	3308	3152	12.5	-6.7	3	-4	491.5	-230.4	15.9	35.5	1.0
41ST	493.17	42.2	-22.3	3308	3152	12.8	-7.1	3	-3	449.3	-208.2	13.3	29.9	1.3
42ND	505.17	42.3	-22.4	3308	3152	12.8	-7.1	3	-3	407.0	-185.8	10.9	24.7	1.5
43RD	517.17	41.8	-21.5	3308	3152	12.7	-6.8	2	-2	365.1	-164.2	8.8	20.1	1.6
44TH	529.17	41.4	-20.7	3308	3152	12.5	-6.6	1	-1	323.7	-143.5	7.0	16.0	1.7
45TH	541.17	40.9	-19.8	3308	3152	12.4	-6.3	1	-1	282.8	-123.8	5.4	12.3	1.8
46TH	553.17	40.5	-18.9	3308	3152	12.2	-6.0	-0	0	242.3	-104.9	4.0	9.2	1.8
47TH	565.17	40.0	-18.0	3308	3152	12.1	-5.7	-1	1	202.3	-87.0	2.9	6.5	1.7
48TH	577.17	39.6	-17.1	3308	3152	12.0	-5.4	-2	2	162.7	-69.9	1.9	4.3	1.5
49TH	589.17	39.1	-16.2	3308	3152	11.8	-5.1	-2	3	123.5	-53.7	1.2	2.6	1.3
50TH	601.17	38.7	-15.3	3308	3152	11.7	-4.8	-3	4	84.9	-38.4	.6	1.3	1.1
		34.7	-14.4	3308	3152	10.5	-4.6	-4	6					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 250 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
51ST	613.17									50.2	-24.0	.3	.5	.8
		29.7	-13.5	3308	3152	9.0	-4.3	-7	8					
MECH	625.17									20.6	-10.5	.1	.1	.4
		20.6	-10.5	2711	2583	7.6	-4.0	-10	10					
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 260 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									1508.2	-806.5	292.8	484.6	-20.4
2ND	22.33	57.2	-19.3	6179	5557	9.3	-3.5	9	-14	1451.0	-787.3	275.0	451.6	-19.1
3RD	37.17	37.4	-13.3	4104	3691	9.1	-3.6	9	-14	1413.6	-774.0	263.4	430.3	-18.3
4TH	49.17	29.4	-11.0	3320	2986	8.9	-3.7	9	-13	1384.2	-763.0	254.2	413.5	-17.7
5TH	61.17	29.2	-11.0	3320	2986	8.8	-3.7	9	-13	1355.0	-752.0	245.1	397.1	-17.1
6TH	73.17	28.9	-11.1	3320	2986	8.7	-3.7	9	-13	1326.1	-740.9	236.2	381.0	-16.5
7TH	85.17	28.5	-11.1	3320	2986	8.6	-3.7	9	-13	1297.6	-729.8	227.3	365.3	-15.9
8TH	97.17	28.0	-11.2	3320	2986	8.4	-3.7	9	-12	1269.6	-718.7	218.6	349.9	-15.4
9TH	109.17	27.1	-11.4	3320	2986	8.2	-3.8	9	-12	1242.5	-707.3	210.1	334.8	-14.9
10TH	121.17	26.3	-11.6	3320	2986	7.9	-3.9	9	-11	1216.2	-695.7	201.7	320.1	-14.4
11TH	133.17	25.4	-11.8	3320	2986	7.7	-4.0	9	-10	1190.8	-683.9	193.4	305.6	-14.0
12TH	145.17	24.6	-12.0	3320	2986	7.4	-4.0	8	-9	1166.2	-671.8	185.3	291.5	-13.6
13TH	157.17	23.7	-12.3	3320	2986	7.2	-4.1	8	-8	1142.5	-659.6	177.3	277.6	-13.3
14TH	169.17	22.9	-11.8	3323	2439	6.9	-4.9	8	-9	1119.5	-647.7	169.4	264.0	-12.9
15TH	181.17	22.7	-11.1	3326	1791	6.8	-6.2	9	-10	1096.8	-636.6	161.7	250.7	-12.5
16TH	193.17	22.8	-11.0	3326	1791	6.8	-6.2	9	-10	1074.1	-625.6	154.1	237.7	-12.1
17TH	205.17	22.8	-10.9	3326	1791	6.9	-6.1	10	-11	1051.3	-614.7	146.7	225.0	-11.7
18TH	217.17	22.9	-10.8	3326	1791	6.9	-6.0	10	-12	1028.3	-603.8	139.4	212.5	-11.3
19TH	229.17	23.0	-10.7	3326	1791	6.9	-6.0	11	-12	1005.4	-593.1	132.2	200.3	-10.8
20TH	241.17	23.2	-10.6	3326	1791	7.0	-5.9	10	-12	982.1	-582.5	125.2	188.4	-10.3
21ST	253.17	23.6	-10.5	3326	1791	7.1	-5.9	10	-12	958.5	-571.9	118.2	176.7	-9.8
22ND	265.17	24.0	-10.4	3326	1791	7.2	-5.8	10	-12	934.5	-561.5	111.4	165.4	-9.4
23RD	277.17	24.4	-10.3	3326	1791	7.3	-5.8	9	-12	910.1	-551.1	104.8	154.3	-8.9
24TH	289.17	24.8	-10.3	3326	1791	7.5	-5.7	9	-12	885.3	-540.9	98.2	143.5	-8.4
25TH	301.17	27.9	-11.7	3311	2907	8.4	-4.0	8	-10	857.4	-529.2	91.8	133.1	-8.0
		29.4	-12.4	3308	3152	8.9	-3.9	8	-10					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 260 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									827.9	-516.8	85.5	123.0	-7.5
27TH	325.17	30.5	-12.9	3308	3152	9.2	-4.1	8	-10	797.4	-504.0	79.4	113.2	-7.0
28TH	337.17	31.6	-13.4	3308	3152	9.6	-4.2	8	-10	765.8	-490.6	73.4	103.8	-6.5
29TH	349.17	32.7	-13.9	3308	3152	9.9	-4.4	8	-10	733.2	-476.8	67.6	94.8	-6.0
30TH	361.17	33.7	-14.4	3308	3152	10.2	-4.6	8	-10	699.4	-462.4	62.0	86.2	-5.4
31ST	373.17	34.8	-14.8	3308	3152	10.5	-4.7	8	-10	664.6	-447.6	56.5	78.0	-4.9
32ND	385.17	35.9	-15.3	3308	3152	10.9	-4.9	8	-10	628.7	-432.2	51.2	70.3	-4.3
33RD	397.17	36.6	-15.9	3308	3152	11.1	-5.1	8	-10	592.1	-416.3	46.1	63.0	-3.7
34TH	409.17	36.2	-17.4	3308	3152	11.0	-5.5	8	-9	555.8	-398.9	41.3	56.1	-3.2
35TH	421.17	35.8	-18.9	3308	3152	10.8	-6.0	8	-8	520.0	-380.0	36.6	49.6	-2.7
36TH	433.17	35.4	-20.4	3308	3152	10.7	-6.5	7	-7	484.6	-359.6	32.1	43.6	-2.2
37TH	445.17	35.0	-21.9	3308	3152	10.6	-6.9	7	-6	449.5	-337.7	28.0	38.0	-1.8
38TH	457.17	34.6	-23.4	3308	3152	10.5	-7.4	7	-5	414.9	-314.4	24.0	32.8	-1.5
39TH	469.17	34.2	-24.8	3308	3152	10.4	-7.9	6	-5	380.6	-289.5	20.4	28.0	-1.1
40TH	481.17	33.8	-26.3	3308	3152	10.2	-8.3	6	-4	346.8	-263.2	17.1	23.7	-.9
41ST	493.17	33.4	-27.8	3308	3152	10.1	-8.8	5	-3	313.3	-235.4	14.1	19.7	-.6
42ND	505.17	32.8	-27.9	3308	3152	9.9	-8.8	5	-3	280.6	-207.5	11.5	16.1	-.4
43RD	517.17	31.9	-26.5	3308	3152	9.6	-8.4	4	-3	248.7	-181.0	9.1	13.0	-.2
44TH	529.17	31.0	-25.1	3308	3152	9.4	-8.0	4	-2	217.6	-155.9	7.1	10.2	-.0
45TH	541.17	30.2	-23.7	3308	3152	9.1	-7.5	3	-2	187.4	-132.2	5.4	7.7	.1
46TH	553.17	29.3	-22.3	3308	3152	8.9	-7.1	3	-2	158.1	-109.9	3.9	5.7	.2
47TH	565.17	28.5	-20.9	3308	3152	8.6	-6.6	2	-2	129.6	-89.0	2.7	3.9	.3
48TH	577.17	27.6	-19.5	3308	3152	8.4	-6.2	2	-1	102.0	-69.5	1.8	2.5	.4
49TH	589.17	26.8	-18.1	3308	3152	8.1	-5.7	1	-1	75.2	-51.4	1.1	1.5	.4
50TH	601.17	25.9	-16.7	3308	3152	7.8	-5.3	0	-0	49.3	-34.7	.5	.7	.5
		21.8	-14.5	3308	3152	6.6	-4.6	-2	2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 260 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
51ST	613.17	17.0	-12.1	3308	3152	5.2	-3.8	-6	5	27.5	-20.2	.2	.3	.4
MECH	625.17	10.4	-8.1	2711	2583	3.8	-3.1	-13	9	10.4	-8.1	.1	.1	.2
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									1431.6	-1094.2	417.3	433.9	-17.6
2ND	22.33	63.2	-19.5	6179	5557	10.2	-3.5	9	-15	1368.4	-1074.8	393.1	402.6	-16.1
3RD	37.17	41.4	-14.0	4104	3691	10.1	-3.8	10	-15	1327.0	-1060.8	377.2	382.6	-15.2
4TH	49.17	32.6	-11.8	3320	2986	9.8	-3.9	9	-14	1294.4	-1049.0	364.6	366.9	-14.4
5TH	61.17	32.4	-11.9	3320	2986	9.8	-4.0	10	-14	1262.0	-1037.1	352.1	351.5	-13.7
6TH	73.17	32.2	-12.1	3320	2986	9.7	-4.1	10	-14	1229.8	-1025.0	339.7	336.6	-13.0
7TH	85.17	31.8	-12.3	3320	2986	9.6	-4.1	10	-14	1198.0	-1012.7	327.5	322.0	-12.3
8TH	97.17	31.2	-12.5	3320	2986	9.4	-4.2	10	-14	1166.8	-1000.3	315.4	307.8	-11.7
9TH	109.17	29.9	-12.8	3320	2986	9.0	-4.3	10	-13	1136.9	-987.4	303.5	294.0	-11.0
10TH	121.17	28.7	-13.1	3320	2986	8.6	-4.4	10	-12	1108.2	-974.3	291.7	280.5	-10.5
11TH	133.17	27.4	-13.5	3320	2986	8.3	-4.5	10	-11	1080.8	-960.9	280.1	267.4	-10.0
12TH	145.17	26.2	-13.8	3320	2986	7.9	-4.6	10	-10	1054.6	-947.1	268.6	254.6	-9.5
13TH	157.17	24.9	-14.1	3320	2986	7.5	-4.7	9	-9	1029.7	-933.0	257.4	242.1	-9.1
14TH	169.17	23.8	-13.8	3323	2439	7.2	-5.6	10	-9	1005.9	-919.2	246.2	229.9	-8.7
15TH	181.17	23.5	-13.2	3326	1791	7.1	-7.4	11	-10	982.5	-906.0	235.3	217.9	-8.3
16TH	193.17	23.7	-13.3	3326	1791	7.1	-7.4	11	-10	958.8	-892.7	224.5	206.3	-7.8
17TH	205.17	23.9	-13.4	3326	1791	7.2	-7.5	11	-10	934.8	-879.3	213.9	194.9	-7.4
18TH	217.17	24.2	-13.5	3326	1791	7.3	-7.6	11	-11	910.7	-865.7	203.4	183.9	-6.9
19TH	229.17	24.4	-13.6	3326	1791	7.3	-7.6	11	-11	886.3	-852.1	193.1	173.1	-6.4
20TH	241.17	24.7	-13.8	3326	1791	7.4	-7.7	11	-11	861.6	-838.3	183.0	162.6	-5.9
21ST	253.17	25.0	-13.9	3326	1791	7.5	-7.7	11	-11	836.6	-824.4	173.0	152.4	-5.5
22ND	265.17	25.4	-14.0	3326	1791	7.6	-7.8	11	-10	811.2	-810.5	163.2	142.5	-5.0
23RD	277.17	25.8	-14.1	3326	1791	7.7	-7.9	10	-10	785.4	-796.4	153.5	132.9	-4.5
24TH	289.17	26.1	-14.2	3326	1791	7.8	-7.9	10	-10	759.3	-782.2	144.1	123.7	-4.1
25TH	301.17	27.9	-16.6	3311	2907	8.4	-5.7	8	-7	731.4	-765.6	134.8	114.7	-3.7
		28.4	-17.8	3308	3152	8.6	-5.7	7	-6					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									703.0	-747.7	125.7	106.1	-3.4
27TH	325.17	28.5	-18.8	3308	3152	8.6	-6.0	8	-6	674.5	-728.9	116.8	97.9	-3.0
28TH	337.17	28.7	-19.7	3308	3152	8.7	-6.3	8	-6	645.8	-709.2	108.2	89.9	-2.7
29TH	349.17	28.8	-20.6	3308	3152	8.7	-6.5	8	-6	617.0	-688.6	99.8	82.4	-2.3
30TH	361.17	29.0	-21.6	3308	3152	8.8	-6.8	8	-6	588.0	-667.0	91.7	75.1	-2.0
31ST	373.17	29.1	-22.5	3308	3152	8.8	-7.1	8	-6	558.9	-644.6	83.8	68.2	-1.6
32ND	385.17	29.3	-23.4	3308	3152	8.9	-7.4	9	-6	529.6	-621.1	76.2	61.7	-1.2
33RD	397.17	29.6	-24.4	3308	3152	8.9	-7.7	9	-6	500.0	-596.8	68.9	55.5	-.8
34TH	409.17	29.2	-25.8	3308	3152	8.8	-8.2	8	-5	470.8	-571.0	61.9	49.7	-.5
35TH	421.17	28.8	-27.2	3308	3152	8.7	-8.6	7	-4	442.1	-543.8	55.2	44.2	-.2
36TH	433.17	28.4	-28.5	3308	3152	8.6	-9.1	6	-3	413.7	-515.3	48.9	39.1	.1
37TH	445.17	28.0	-29.9	3308	3152	8.5	-9.5	5	-2	385.7	-485.3	42.9	34.3	.3
38TH	457.17	27.6	-31.3	3308	3152	8.3	-9.9	4	-2	358.1	-454.0	37.2	29.8	.4
39TH	469.17	27.2	-32.7	3308	3152	8.2	-10.4	3	-1	330.9	-421.3	32.0	25.7	.5
40TH	481.17	26.8	-34.1	3308	3152	8.1	-10.8	2	-1	304.0	-387.2	27.1	21.9	.6
41ST	493.17	26.4	-35.5	3308	3152	8.0	-11.3	0	-0	277.6	-351.7	22.7	18.4	.6
42ND	505.17	26.1	-35.8	3308	3152	7.9	-11.3	-0	0	251.5	-316.0	18.7	15.2	.6
43RD	517.17	25.8	-34.9	3308	3152	7.8	-11.1	-0	0	225.7	-281.1	15.1	12.4	.6
44TH	529.17	25.6	-34.0	3308	3152	7.7	-10.8	-0	0	200.1	-247.2	11.9	9.8	.6
45TH	541.17	25.4	-33.1	3308	3152	7.7	-10.5	-1	0	174.7	-214.1	9.2	7.6	.6
46TH	553.17	25.1	-32.2	3308	3152	7.6	-10.2	-1	0	149.6	-181.9	6.8	5.6	.5
47TH	565.17	24.9	-31.3	3308	3152	7.5	-9.9	-1	0	124.7	-150.6	4.8	4.0	.5
48TH	577.17	24.6	-30.4	3308	3152	7.4	-9.6	-1	1	100.1	-120.2	3.2	2.6	.5
49TH	589.17	24.4	-29.5	3308	3152	7.4	-9.4	-1	1	75.7	-90.7	1.9	1.6	.4
50TH	601.17	24.1	-28.6	3308	3152	7.3	-9.1	-2	1	51.6	-62.1	1.0	.8	.3
		21.3	-25.5	3308	3152	6.4	-8.1	-3	1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
51ST	613.17									30.3	-36.6	.4	.3	.2
		18.0	-21.7	3308	3152	5.4	-6.9	-4	2					
MECH	625.17									12.3	-14.9	.1	.1	.1
		12.3	-14.9	2711	2583	4.5	-5.8	-7	3					
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS TWO DALLAS CENTRE
WIND DIRECTION 280 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									1392.3	-1240.9	498.0	411.4	-19.2
2ND	22.33	61.1	-15.4	6179	5557	9.9	-2.8	8	-17	1331.2	-1225.5	470.5	381.0	-17.7
3RD	37.17	40.6	-11.0	4104	3691	9.9	-3.0	8	-17	1290.7	-1214.5	452.4	361.5	-16.6
4TH	49.17	32.2	-9.0	3320	2986	9.7	-3.0	8	-15	1258.4	-1205.5	437.9	346.2	-15.9
5TH	61.17	32.2	-9.2	3320	2986	9.7	-3.1	8	-15	1226.3	-1196.4	423.5	331.3	-15.2
6TH	73.17	32.1	-9.4	3320	2986	9.7	-3.1	8	-15	1194.2	-1187.0	409.2	316.8	-14.5
7TH	85.17	31.9	-9.6	3320	2986	9.6	-3.2	8	-14	1162.2	-1177.4	395.0	302.7	-13.8
8TH	97.17	31.5	-9.9	3320	2986	9.5	-3.3	8	-14	1130.7	-1167.5	380.9	288.9	-13.2
9TH	109.17	30.5	-10.5	3320	2986	9.2	-3.5	8	-13	1100.2	-1157.0	366.9	275.5	-12.5
10TH	121.17	29.5	-11.2	3320	2986	8.9	-3.7	9	-12	1070.8	-1145.8	353.1	262.5	-12.0
11TH	133.17	28.4	-11.8	3320	2986	8.6	-3.9	9	-11	1042.3	-1134.0	339.5	249.8	-11.4
12TH	145.17	27.4	-12.4	3320	2986	8.3	-4.2	9	-11	1014.9	-1121.6	325.9	237.5	-11.0
13TH	157.17	26.4	-13.1	3320	2986	7.9	-4.4	9	-10	988.6	-1108.5	312.5	225.5	-10.5
14TH	169.17	25.4	-13.1	3323	2439	7.7	-5.4	9	-10	963.2	-1095.4	299.3	213.7	-10.1
15TH	181.17	25.0	-13.1	3326	1791	7.5	-7.3	10	-10	938.2	-1082.3	286.2	202.3	-9.6
16TH	193.17	24.8	-13.6	3326	1791	7.5	-7.6	10	-10	913.4	-1068.7	273.3	191.2	-9.2
17TH	205.17	24.6	-14.1	3326	1791	7.4	-7.9	10	-9	888.8	-1054.6	260.6	180.4	-8.8
18TH	217.17	24.4	-14.7	3326	1791	7.3	-8.2	10	-8	864.4	-1039.9	248.0	169.9	-8.4
19TH	229.17	24.2	-15.2	3326	1791	7.3	-8.5	9	-8	840.2	-1024.7	235.6	159.7	-8.0
20TH	241.17	24.5	-15.7	3326	1791	7.4	-8.8	9	-8	815.7	-1009.0	223.4	149.7	-7.7
21ST	253.17	25.1	-16.3	3326	1791	7.5	-9.1	9	-8	790.6	-992.8	211.4	140.1	-7.3
22ND	265.17	25.7	-16.8	3326	1791	7.7	-9.4	9	-7	764.9	-976.0	199.6	130.8	-6.9
23RD	277.17	26.4	-17.3	3326	1791	7.9	-9.7	9	-7	738.5	-958.7	188.0	121.7	-6.5
24TH	289.17	27.0	-17.8	3326	1791	8.1	-10.0	9	-7	711.5	-940.8	176.6	113.0	-6.1
25TH	301.17	29.0	-20.7	3311	2907	8.7	-7.1	6	-4	682.5	-920.1	165.5	104.7	-5.9
		29.2	-22.0	3308	3152	8.8	-7.0	6	-4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 280 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									653.4	-898.1	154.5	96.7	-5.6
27TH	325.17	29.0	-22.8	3308	3152	8.8	-7.2	6	-4	624.4	-875.3	143.9	89.0	-5.4
28TH	337.17	28.8	-23.7	3308	3152	8.7	-7.5	6	-4	595.5	-851.6	133.5	81.7	-5.1
29TH	349.17	28.7	-24.5	3308	3152	8.7	-7.8	7	-4	566.8	-827.1	123.5	74.7	-4.8
30TH	361.17	28.5	-25.4	3308	3152	8.6	-8.1	7	-4	538.3	-801.7	113.7	68.1	-4.5
31ST	373.17	28.4	-26.2	3308	3152	8.6	-8.3	8	-4	510.0	-775.5	104.2	61.8	-4.1
32ND	385.17	28.2	-27.1	3308	3152	8.5	-8.6	8	-5	481.8	-748.4	95.1	55.8	-3.8
33RD	397.17	28.2	-28.0	3308	3152	8.5	-8.9	9	-5	453.5	-720.4	86.3	50.2	-3.4
34TH	409.17	27.6	-29.5	3308	3152	8.3	-9.4	8	-4	425.9	-690.9	77.8	44.9	-3.1
35TH	421.17	27.0	-31.0	3308	3152	8.2	-9.8	8	-4	398.9	-659.8	69.7	40.0	-2.8
36TH	433.17	26.4	-32.5	3308	3152	8.0	-10.3	8	-3	372.5	-627.3	62.0	35.4	-2.4
37TH	445.17	25.8	-34.1	3308	3152	7.8	-10.8	8	-3	346.7	-593.2	54.7	31.1	-2.1
38TH	457.17	25.2	-35.6	3308	3152	7.6	-11.3	7	-3	321.4	-557.7	47.8	27.0	-1.8
39TH	469.17	24.6	-37.1	3308	3152	7.4	-11.8	7	-3	296.8	-520.6	41.3	23.3	-1.6
40TH	481.17	24.0	-38.6	3308	3152	7.3	-12.2	7	-2	272.8	-482.0	35.3	19.9	-1.3
41ST	493.17	23.4	-40.1	3308	3152	7.1	-12.7	6	-2	249.4	-441.9	29.7	16.8	-1.1
42ND	505.17	23.0	-40.7	3308	3152	6.9	-12.9	6	-2	226.4	-401.2	24.7	13.9	-.8
43RD	517.17	22.8	-40.4	3308	3152	6.9	-12.8	5	-2	203.6	-360.8	20.1	11.4	-.6
44TH	529.17	22.6	-40.1	3308	3152	6.8	-12.7	5	-1	181.0	-320.7	16.0	9.0	-.4
45TH	541.17	22.4	-39.7	3308	3152	6.8	-12.6	4	-1	158.6	-281.0	12.4	7.0	-.3
46TH	553.17	22.2	-39.4	3308	3152	6.7	-12.5	4	-1	136.4	-241.6	9.3	5.2	-.1
47TH	565.17	22.0	-39.1	3308	3152	6.7	-12.4	3	-1	114.3	-202.5	6.6	3.7	-.0
48TH	577.17	21.9	-38.7	3308	3152	6.6	-12.3	2	-1	92.5	-163.7	4.4	2.5	.1
49TH	589.17	21.7	-38.4	3308	3152	6.5	-12.2	2	-0	70.8	-125.3	2.7	1.5	.1
50TH	601.17	21.5	-38.1	3308	3152	6.5	-12.1	1	-0	49.4	-87.2	1.4	.8	.2
		19.6	-34.8	3308	3152	5.9	-11.1	-0	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 280 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
51ST	613.17									29.7	-52.4	.6	.3	.2
		17.3	-30.5	3308	3152	5.2	-9.7	-2	1					
MECH	625.17									12.4	-21.8	.1	.1	.1
		12.4	-21.8	2711	2583	4.6	-8.5	-4	1					
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									1214.4	-1268.8	544.6	348.8	-17.7
2ND	22.33	55.2	-14.6	6179	5557	8.9	-2.6	9	-18	1159.2	-1254.2	516.4	322.3	-16.2
3RD	37.17	36.6	-9.3	4104	3691	8.9	-2.5	9	-18	1122.6	-1244.8	497.9	305.4	-15.2
4TH	49.17	29.9	-6.7	3320	2986	8.7	-2.2	7	-17	1093.6	-1238.2	483.0	292.1	-14.5
5TH	61.17	28.8	-6.4	3320	2986	8.7	-2.1	7	-16	1064.8	-1231.8	468.2	279.1	-13.8
6TH	73.17	28.7	-6.2	3320	2986	8.6	-2.1	6	-16	1036.1	-1225.6	453.4	266.5	-13.2
7TH	85.17	28.4	-5.9	3320	2986	8.6	-2.0	6	-15	1007.7	-1219.7	438.8	254.2	-12.6
8TH	97.17	28.0	-5.8	3320	2986	8.4	-1.9	6	-15	979.7	-1213.9	424.1	242.3	-12.0
9TH	109.17	27.0	-6.3	3320	2986	8.1	-2.1	6	-15	952.7	-1207.6	409.6	230.7	-11.4
10TH	121.17	26.0	-6.8	3320	2986	7.8	-2.3	7	-14	926.7	-1200.8	395.2	219.4	-10.9
11TH	133.17	25.0	-7.3	3320	2986	7.5	-2.4	7	-14	901.8	-1193.5	380.8	208.5	-10.4
12TH	145.17	24.0	-7.8	3320	2986	7.2	-2.6	8	-13	877.8	-1185.7	366.5	197.8	-9.9
13TH	157.17	23.0	-8.3	3320	2986	6.9	-2.8	8	-12	854.8	-1177.4	352.4	187.4	-9.4
14TH	169.17	22.0	-8.3	3323	2439	6.6	-3.4	9	-13	832.9	-1169.1	338.3	177.3	-9.0
15TH	181.17	21.7	-8.4	3326	1791	6.5	-4.7	10	-14	811.1	-1160.7	324.3	167.4	-8.5
16TH	193.17	22.0	-9.1	3326	1791	6.6	-5.1	10	-13	789.1	-1151.6	310.4	157.8	-8.0
17TH	205.17	22.3	-9.9	3326	1791	6.7	-5.5	10	-12	766.8	-1141.7	296.7	148.5	-7.6
18TH	217.17	22.6	-10.7	3326	1791	6.8	-6.0	10	-12	744.2	-1131.0	283.0	139.4	-7.1
19TH	229.17	22.8	-11.5	3326	1791	6.9	-6.4	10	-11	721.4	-1119.5	269.5	130.6	-6.7
20TH	241.17	23.5	-12.3	3326	1791	7.1	-6.8	10	-10	697.9	-1107.2	256.2	122.1	-6.3
21ST	253.17	24.4	-13.0	3326	1791	7.3	-7.3	10	-10	673.6	-1094.2	243.0	113.9	-5.9
22ND	265.17	25.3	-13.8	3326	1791	7.6	-7.7	9	-9	648.3	-1080.4	229.9	105.9	-5.5
23RD	277.17	26.2	-14.6	3326	1791	7.9	-8.1	8	-8	622.2	-1065.8	217.0	98.3	-5.1
24TH	289.17	27.1	-15.4	3326	1791	8.1	-8.6	8	-8	595.1	-1050.4	204.3	91.0	-4.7
25TH	301.17	29.1	-19.4	3311	2907	8.8	-6.7	4	-3	566.0	-1031.0	191.8	84.0	-4.5
		28.7	-21.3	3308	3152	8.7	-6.7	4	-3					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									537.3	-1009.8	179.6	77.4	-4.4
27TH	325.17	28.0	-22.5	3308	3152	8.5	-7.1	4	-3	509.3	-987.2	167.6	71.1	-4.2
28TH	337.17	27.2	-23.8	3308	3152	8.2	-7.6	4	-3	482.2	-963.4	155.9	65.2	-4.0
29TH	349.17	26.4	-25.1	3308	3152	8.0	-8.0	5	-3	455.8	-938.4	144.5	59.6	-3.8
30TH	361.17	25.6	-26.3	3308	3152	7.7	-8.4	5	-3	430.1	-912.0	133.4	54.2	-3.6
31ST	373.17	24.8	-27.6	3308	3152	7.5	-8.8	5	-3	405.3	-884.4	122.6	49.2	-3.4
32ND	385.17	24.1	-28.9	3308	3152	7.3	-9.2	6	-3	381.2	-855.5	112.2	44.5	-3.2
33RD	397.17	23.4	-30.2	3308	3152	7.1	-9.6	6	-3	357.8	-825.3	102.1	40.1	-3.0
34TH	409.17	22.7	-31.8	3308	3152	6.8	-10.1	7	-3	335.2	-793.5	92.4	35.9	-2.8
35TH	421.17	21.9	-33.5	3308	3152	6.6	-10.6	7	-3	313.3	-760.0	83.1	32.0	-2.5
36TH	433.17	21.1	-35.1	3308	3152	6.4	-11.1	8	-3	292.2	-724.9	74.2	28.4	-2.2
37TH	445.17	20.3	-36.8	3308	3152	6.1	-11.7	8	-2	271.9	-688.1	65.7	25.0	-1.9
38TH	457.17	19.5	-38.4	3308	3152	5.9	-12.2	9	-2	252.3	-649.7	57.6	21.9	-1.6
39TH	469.17	18.8	-40.1	3308	3152	5.7	-12.7	9	-2	233.5	-609.7	50.1	19.0	-1.3
40TH	481.17	18.0	-41.7	3308	3152	5.4	-13.2	9	-2	215.5	-568.0	43.0	16.3	-.9
41ST	493.17	17.2	-43.3	3308	3152	5.2	-13.8	10	-2	198.3	-524.6	36.5	13.8	-.6
42ND	505.17	16.9	-44.4	3308	3152	5.1	-14.1	9	-2	181.4	-480.3	30.4	11.5	-.2
43RD	517.17	17.0	-44.7	3308	3152	5.1	-14.2	8	-2	164.4	-435.5	24.9	9.4	.0
44TH	529.17	17.1	-45.1	3308	3152	5.2	-14.3	6	-1	147.3	-390.5	20.0	7.6	.3
45TH	541.17	17.2	-45.4	3308	3152	5.2	-14.4	5	-1	130.2	-345.0	15.6	5.9	.5
46TH	553.17	17.3	-45.8	3308	3152	5.2	-14.5	4	-1	112.9	-299.2	11.7	4.4	.6
47TH	565.17	17.4	-46.2	3308	3152	5.3	-14.6	3	-1	95.5	-253.0	8.4	3.2	.8
48TH	577.17	17.5	-46.5	3308	3152	5.3	-14.8	2	-0	78.0	-206.5	5.6	2.1	.8
49TH	589.17	17.6	-46.9	3308	3152	5.3	-14.9	0	-0	60.4	-159.6	3.4	1.3	.8
50TH	601.17	17.7	-47.2	3308	3152	5.3	-15.0	-1	0	42.8	-112.4	1.8	.7	.8
		16.6	-44.0	3308	3152	5.0	-14.0	-4	1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
51ST	613.17	15.0	-39.5	3308	3152	4.5	-12.5	-9	2	26.2	-68.4	.7	.3	.7
MECH	625.17	11.1	-28.9	2711	2583	4.1	-11.2	-15	3	11.1	-28.9	.1	.1	.4
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									849.2	-1323.7	563.4	224.0	-6.1
2ND	22.33	44.9	-14.8	6179	5557	7.3	-2.7	9	-15	804.3	-1309.0	534.0	205.5	-5.1
3RD	37.17	29.5	-9.6	4104	3691	7.2	-2.6	10	-16	774.8	-1299.4	514.6	193.8	-4.4
4TH	49.17	23.2	-6.8	3320	2986	7.0	-2.3	8	-15	751.6	-1292.6	499.1	184.6	-3.9
5TH	61.17	22.8	-6.7	3320	2986	6.9	-2.2	8	-14	728.8	-1285.9	483.6	175.7	-3.4
6TH	73.17	22.4	-6.6	3320	2986	6.7	-2.2	7	-14	706.4	-1279.3	468.2	167.1	-2.9
7TH	85.17	22.0	-6.4	3320	2986	6.6	-2.2	7	-13	684.4	-1272.9	452.9	158.8	-2.5
8TH	97.17	21.4	-6.4	3320	2986	6.4	-2.1	7	-12	663.0	-1266.5	437.7	150.7	-2.1
9TH	109.17	20.3	-6.7	3320	2986	6.1	-2.2	7	-11	642.8	-1259.8	422.5	142.9	-1.7
10TH	121.17	19.1	-6.9	3320	2986	5.8	-2.3	7	-10	623.7	-1252.9	407.4	135.3	-1.5
11TH	133.17	18.0	-7.2	3320	2986	5.4	-2.4	6	-8	605.7	-1245.7	392.4	127.9	-1.2
12TH	145.17	16.9	-7.5	3320	2986	5.1	-2.5	5	-7	588.8	-1238.3	377.5	120.7	-1.0
13TH	157.17	15.7	-7.7	3320	2986	4.7	-2.6	4	-5	573.1	-1230.5	362.7	113.8	-.9
14TH	169.17	14.6	-7.5	3323	2439	4.4	-3.1	4	-4	558.4	-1223.0	348.0	107.0	-.8
15TH	181.17	14.6	-7.5	3326	1791	4.4	-4.2	5	-5	543.8	-1215.5	333.4	100.4	-.7
16TH	193.17	15.2	-8.6	3326	1791	4.6	-4.8	5	-5	528.6	-1206.9	318.8	93.9	-.5
17TH	205.17	15.9	-9.6	3326	1791	4.8	-5.4	5	-5	512.7	-1197.3	304.4	87.7	-.4
18TH	217.17	16.5	-10.7	3326	1791	5.0	-5.9	6	-5	496.2	-1186.7	290.1	81.6	-.2
19TH	229.17	17.2	-11.7	3326	1791	5.2	-6.5	6	-5	479.0	-1175.0	275.9	75.8	-.1
20TH	241.17	17.8	-12.7	3326	1791	5.4	-7.1	6	-4	461.2	-1162.2	261.9	70.1	.1
21ST	253.17	18.4	-13.8	3326	1791	5.5	-7.7	5	-4	442.7	-1148.5	248.0	64.7	.2
22ND	265.17	19.1	-14.8	3326	1791	5.7	-8.3	4	-3	423.7	-1133.6	234.3	59.5	.3
23RD	277.17	19.7	-15.9	3326	1791	5.9	-8.9	4	-2	403.9	-1117.8	220.8	54.5	.5
24TH	289.17	20.3	-16.9	3326	1791	6.1	-9.4	3	-2	383.6	-1100.9	207.5	49.8	.6
25TH	301.17	22.7	-21.2	3311	2907	6.8	-7.3	-3	2	361.0	-1079.7	194.4	45.3	.5
		22.5	-23.3	3308	3152	6.8	-7.4	-4	2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									338.4	-1056.4	181.6	41.1	.3
27TH	325.17	21.9	-24.9	3308	3152	6.6	-7.9	-4	2	316.5	-1031.5	169.1	37.2	.2
28TH	337.17	21.3	-26.4	3308	3152	6.4	-8.4	-4	2	295.2	-1005.1	156.9	33.5	.0
29TH	349.17	20.7	-28.0	3308	3152	6.2	-8.9	-5	2	274.6	-977.1	145.0	30.1	-.1
30TH	361.17	20.0	-29.6	3308	3152	6.1	-9.4	-5	2	254.5	-947.5	133.4	27.0	-.3
31ST	373.17	19.4	-31.1	3308	3152	5.9	-9.9	-5	2	235.1	-916.4	122.3	24.0	-.4
32ND	385.17	18.8	-32.7	3308	3152	5.7	-10.4	-5	2	216.3	-883.8	111.5	21.3	-.6
33RD	397.17	18.3	-34.2	3308	3152	5.5	-10.9	-4	1	198.0	-849.5	101.1	18.8	-.7
34TH	409.17	17.3	-35.8	3308	3152	5.2	-11.4	-3	1	180.7	-813.7	91.1	16.6	-.8
35TH	421.17	16.3	-37.4	3308	3152	4.9	-11.9	-3	1	164.4	-776.2	81.5	14.5	-.9
36TH	433.17	15.2	-39.1	3308	3152	4.6	-12.4	-2	0	149.2	-737.2	72.5	12.6	-1.0
37TH	445.17	14.2	-40.7	3308	3152	4.3	-12.9	-1	0	135.0	-696.5	63.9	10.9	-1.0
38TH	457.17	13.2	-42.3	3308	3152	4.0	-13.4	-0	0	121.8	-654.3	55.7	9.4	-1.0
39TH	469.17	12.2	-43.9	3308	3152	3.7	-13.9	0	-0	109.6	-610.4	48.2	8.0	-1.0
40TH	481.17	11.2	-45.5	3308	3152	3.4	-14.4	1	-0	98.4	-564.9	41.1	6.7	-1.0
41ST	493.17	10.1	-47.1	3308	3152	3.1	-14.9	2	-0	88.3	-517.8	34.6	5.6	-.9
42ND	505.17	9.5	-47.8	3308	3152	2.9	-15.2	2	-0	78.8	-470.0	28.7	4.6	-.8
43RD	517.17	9.1	-47.5	3308	3152	2.8	-15.1	2	-0	69.7	-422.6	23.3	3.7	-.7
44TH	529.17	8.8	-47.2	3308	3152	2.7	-15.0	3	-0	60.9	-375.4	18.5	2.9	-.6
45TH	541.17	8.4	-46.9	3308	3152	2.6	-14.9	3	-0	52.5	-328.5	14.3	2.2	-.5
46TH	553.17	8.1	-46.6	3308	3152	2.5	-14.8	3	-0	44.4	-281.9	10.7	1.7	-.4
47TH	565.17	7.8	-46.3	3308	3152	2.3	-14.7	3	-0	36.6	-235.6	7.5	1.2	-.3
48TH	577.17	7.4	-46.0	3308	3152	2.2	-14.6	3	-0	29.2	-189.6	5.0	.8	-.2
49TH	589.17	7.1	-45.7	3308	3152	2.1	-14.5	4	-0	22.1	-143.9	3.0	.5	-.1
50TH	601.17	6.8	-45.4	3308	3152	2.0	-14.4	4	-0	15.3	-98.5	1.5	.2	.1
		6.2	-40.7	3308	3152	1.9	-12.9	2	-0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
51ST	613.17	5.4	-34.4	3308	3152	1.6	-10.9	-1	0	9.2	-57.8	.6	.1	.1
MECH	625.17	3.8	-23.5	2711	2583	1.4	-9.1	-5	0	3.8	-23.5	.1	.0	.1
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 310 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									588.9	-1427.7	613.3	119.9	4.5
2ND	22.33	40.4	-15.7	6179	5557	6.5	-2.8	11	-15	548.5	-1412.0	581.6	107.2	5.5
3RD	37.17	26.4	-10.3	4104	3691	6.4	-2.8	12	-16	522.1	-1401.7	560.7	99.3	6.2
4TH	49.17	20.5	-7.8	3320	2986	6.2	-2.6	10	-14	501.6	-1393.9	543.9	93.1	6.6
5TH	61.17	20.1	-7.6	3320	2986	6.0	-2.5	9	-13	481.6	-1386.3	527.2	87.2	7.0
6TH	73.17	19.6	-7.4	3320	2986	5.9	-2.5	9	-12	462.0	-1378.9	510.6	81.6	7.4
7TH	85.17	19.0	-7.3	3320	2986	5.7	-2.4	8	-11	443.0	-1371.6	494.1	76.2	7.7
8TH	97.17	18.3	-7.1	3320	2986	5.5	-2.4	7	-10	424.6	-1364.5	477.7	70.9	8.0
9TH	109.17	17.0	-7.1	3320	2986	5.1	-2.4	7	-8	407.7	-1357.3	461.4	66.0	8.3
10TH	121.17	15.6	-7.2	3320	2986	4.7	-2.4	6	-6	392.1	-1350.2	445.2	61.2	8.4
11TH	133.17	14.2	-7.2	3320	2986	4.3	-2.4	4	-4	377.9	-1343.0	429.0	56.5	8.5
12TH	145.17	12.8	-7.2	3320	2986	3.9	-2.4	2	-2	365.1	-1335.8	412.9	52.1	8.6
13TH	157.17	11.4	-7.2	3320	2986	3.4	-2.4	-1	1	353.6	-1328.6	396.9	47.8	8.6
14TH	169.17	10.0	-6.8	3323	2439	3.0	-2.8	-3	2	343.6	-1321.8	381.0	43.6	8.5
15TH	181.17	9.5	-6.6	3326	1791	2.9	-3.7	-3	3	334.1	-1315.2	365.2	39.5	8.5
16TH	193.17	10.0	-7.6	3326	1791	3.0	-4.3	-4	3	324.1	-1307.5	349.5	35.6	8.4
17TH	205.17	10.5	-8.6	3326	1791	3.2	-4.8	-5	3	313.5	-1298.9	333.8	31.7	8.3
18TH	217.17	11.0	-9.6	3326	1791	3.3	-5.4	-6	4	302.5	-1289.3	318.3	28.0	8.2
19TH	229.17	11.5	-10.6	3326	1791	3.5	-5.9	-7	4	290.9	-1278.7	302.9	24.5	8.1
20TH	241.17	12.9	-11.6	3326	1791	3.9	-6.5	-6	3	278.0	-1267.1	287.6	21.1	8.0
21ST	253.17	15.0	-12.6	3326	1791	4.5	-7.0	-4	2	263.0	-1254.6	272.5	17.8	7.9
22ND	265.17	17.1	-13.5	3326	1791	5.1	-7.6	-2	2	245.9	-1241.0	257.5	14.8	7.8
23RD	277.17	19.1	-14.5	3326	1791	5.8	-8.1	-1	1	226.8	-1226.5	242.7	11.9	7.8
24TH	289.17	21.2	-15.5	3326	1791	6.4	-8.7	-0	0	205.6	-1211.0	228.1	9.3	7.8
25TH	301.17	23.7	-21.0	3311	2907	7.2	-7.2	-7	4	181.9	-1189.9	213.7	7.0	7.5
		23.0	-24.0	3308	3152	7.0	-7.6	-9	5					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 310 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
										158.9	-1166.0	199.5	5.0	7.2
26TH	313.17	21.9	-26.1	3308	3152	6.6	-8.3	-10	5	136.9	-1139.9	185.7	3.2	6.9
27TH	325.17	20.8	-28.2	3308	3152	6.3	-8.9	-11	4	116.2	-1111.7	172.2	1.7	6.5
28TH	337.17	19.6	-30.3	3308	3152	5.9	-9.6	-12	4	96.5	-1081.3	159.0	.4	6.1
29TH	349.17	18.5	-32.5	3308	3152	5.6	-10.3	-12	4	78.0	-1048.9	146.3	-.6	5.8
30TH	361.17	17.4	-34.6	3308	3152	5.2	-11.0	-12	3	60.7	-1014.3	133.9	-1.5	5.4
31ST	373.17	16.2	-36.7	3308	3152	4.9	-11.6	-13	3	44.4	-977.6	121.9	-2.1	4.9
32ND	385.17	15.2	-38.8	3308	3152	4.6	-12.3	-12	3	29.2	-938.8	110.4	-2.5	4.5
33RD	397.17	13.3	-40.6	3308	3152	4.0	-12.9	-12	2	15.9	-898.2	99.4	-2.8	4.2
34TH	409.17	11.4	-42.3	3308	3152	3.4	-13.4	-11	2	4.5	-855.9	88.9	-2.9	3.8
35TH	421.17	9.5	-44.1	3308	3152	2.9	-14.0	-11	1	-5.0	-811.8	78.9	-2.9	3.4
36TH	433.17	7.6	-45.8	3308	3152	2.3	-14.5	-10	1	-12.6	-765.9	69.4	-2.8	3.1
37TH	445.17	5.7	-47.6	3308	3152	1.7	-15.1	-9	1	-18.3	-718.3	60.5	-2.6	2.7
38TH	457.17	3.8	-49.4	3308	3152	1.1	-15.7	-9	0	-22.1	-669.0	52.2	-2.4	2.4
39TH	469.17	1.9	-51.1	3308	3152	.6	-16.2	-8	0	-23.9	-617.9	44.5	-2.1	2.1
40TH	481.17	-.0	-52.9	3308	3152	-.0	-16.8	-8	-0	-23.9	-565.0	37.4	-1.8	1.8
41ST	493.17	-1.1	-53.5	3308	3152	-.3	-17.0	-7	-0	-22.8	-511.5	30.9	-1.6	1.5
42ND	505.17	-1.3	-52.9	3308	3152	-.4	-16.8	-6	-0	-21.5	-458.6	25.1	-1.3	1.3
43RD	517.17	-1.6	-52.3	3308	3152	-.5	-16.6	-6	-0	-20.0	-406.3	19.9	-1.0	1.1
44TH	529.17	-1.8	-51.7	3308	3152	-.5	-16.4	-5	-0	-18.2	-354.6	15.3	-.8	.9
45TH	541.17	-2.1	-51.1	3308	3152	-.6	-16.2	-5	-0	-16.1	-303.4	11.4	-.6	.7
46TH	553.17	-2.3	-50.6	3308	3152	-.7	-16.0	-4	-0	-13.8	-252.8	8.1	-.4	.6
47TH	565.17	-2.5	-50.0	3308	3152	-.8	-15.9	-3	-0	-11.3	-202.9	5.3	-.3	.4
48TH	577.17	-2.8	-49.4	3308	3152	-.8	-15.7	-3	-0	-8.5	-153.5	3.2	-.2	.3
49TH	589.17	-3.0	-48.8	3308	3152	-.9	-15.5	-2	-0	-5.4	-104.7	1.6	-.1	.3
50TH	601.17	-2.5	-43.5	3308	3152	-.8	-13.8	-2	-0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 310 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
51ST	613.17	-1.9	-36.5	3308	3152	-.6	-11.6	-4	-0	-3.0	-61.2	.6	-.0	.2
MECH	625.17	-1.1	-24.7	2711	2583	-.4	-9.6	-5	-0	-1.1	-24.7	.1	-.0	.1
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 320 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									613.9	-1410.5	603.9	164.8	15.1
		32.7	-19.3	6179	5557	5.3	-3.5	10	-9					
2ND	22.33									581.2	-1391.2	572.6	151.5	15.7
		20.5	-12.7	4104	3691	5.0	-3.4	10	-9					
3RD	37.17									560.7	-1378.5	552.1	143.0	16.0
		15.3	-9.7	3320	2986	4.6	-3.2	7	-6					
4TH	49.17									545.4	-1368.8	535.6	136.4	16.2
		14.5	-9.4	3320	2986	4.4	-3.1	6	-5					
5TH	61.17									530.9	-1359.4	519.2	129.9	16.3
		13.7	-9.1	3320	2986	4.1	-3.1	4	-3					
6TH	73.17									517.2	-1350.3	502.9	123.6	16.4
		12.7	-8.9	3320	2986	3.8	-3.0	2	-2					
7TH	85.17									504.5	-1341.4	486.8	117.5	16.5
		11.9	-8.6	3320	2986	3.6	-2.9	0	-0					
8TH	97.17									492.6	-1332.8	470.7	111.5	16.5
		11.0	-8.4	3320	2986	3.3	-2.8	-2	2					
9TH	109.17									481.6	-1324.4	454.8	105.7	16.4
		10.0	-8.2	3320	2986	3.0	-2.7	-6	4					
10TH	121.17									471.6	-1316.2	439.0	99.9	16.3
		9.0	-8.0	3320	2986	2.7	-2.7	-9	6					
11TH	133.17									462.6	-1308.2	423.2	94.3	16.2
		8.1	-7.8	3320	2986	2.4	-2.6	-14	8					
12TH	145.17									454.5	-1300.4	407.6	88.8	16.0
		7.1	-7.6	3320	2986	2.1	-2.5	-20	10					
13TH	157.17									447.3	-1292.9	392.0	83.4	15.8
		6.0	-7.2	3323	2439	1.8	-3.0	-27	12					
14TH	169.17									441.4	-1285.6	376.5	78.1	15.6
		5.7	-7.2	3326	1791	1.7	-4.0	-29	12					
15TH	181.17									435.6	-1278.4	361.1	72.8	15.3
		6.5	-7.6	3326	1791	2.0	-4.3	-25	11					
16TH	193.17									429.1	-1270.8	345.9	67.6	15.1
		7.2	-8.1	3326	1791	2.2	-4.5	-22	11					
17TH	205.17									421.9	-1262.7	330.6	62.5	14.9
		8.0	-8.5	3326	1791	2.4	-4.7	-20	10					
18TH	217.17									413.9	-1254.2	315.5	57.5	14.6
		8.7	-8.9	3326	1791	2.6	-5.0	-18	9					
19TH	229.17									405.2	-1245.3	300.6	52.6	14.4
		10.7	-9.3	3326	1791	3.2	-5.2	-12	7					
20TH	241.17									394.5	-1236.0	285.7	47.8	14.2
		13.8	-9.8	3326	1791	4.1	-5.5	-7	5					
21ST	253.17									380.7	-1226.2	270.9	43.2	14.1
		16.8	-10.2	3326	1791	5.0	-5.7	-3	3					
22ND	265.17									363.9	-1216.0	256.2	38.7	14.0
		19.8	-10.6	3326	1791	6.0	-5.9	-1	1					
23RD	277.17									344.1	-1205.4	241.7	34.4	13.9
		22.8	-11.0	3326	1791	6.9	-6.2	0	-0					
24TH	289.17									321.3	-1194.3	227.3	30.4	13.9
		27.0	-18.4	3311	2907	8.2	-6.3	-8	6					
25TH	301.17									294.3	-1175.9	213.1	26.8	13.6
		26.7	-22.0	3308	3152	8.1	-7.0	-12	7					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 320 CONFIGURATION A REFERENCE PRESSURE 27.6 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									267.7	-1153.9	199.1	23.4	13.1
27TH	325.17	25.6	-24.5	3308	3152	7.7	-7.8	-14	8	242.1	-1129.4	185.4	20.3	12.6
28TH	337.17	24.4	-26.9	3308	3152	7.4	-8.5	-16	8	217.7	-1102.5	172.0	17.6	12.0
29TH	349.17	23.3	-29.4	3308	3152	7.1	-9.3	-18	8	194.3	-1073.1	159.0	15.1	11.4
30TH	361.17	22.2	-31.9	3308	3152	6.7	-10.1	-20	7	172.1	-1041.2	146.3	12.9	10.7
31ST	373.17	21.1	-34.3	3308	3152	6.4	-10.9	-21	7	151.0	-1006.9	134.0	11.0	10.0
32ND	385.17	20.0	-36.8	3308	3152	6.1	-11.7	-23	7	130.9	-970.1	122.1	9.3	9.2
33RD	397.17	19.0	-39.2	3308	3152	5.8	-12.4	-22	6	111.9	-931.0	110.7	7.8	8.4
34TH	409.17	17.1	-40.5	3308	3152	5.2	-12.9	-22	5	94.8	-890.4	99.8	6.6	7.6
35TH	421.17	15.2	-41.9	3308	3152	4.6	-13.3	-21	4	79.6	-848.5	89.4	5.5	6.9
36TH	433.17	13.3	-43.3	3308	3152	4.0	-13.7	-20	3	66.3	-805.1	79.4	4.6	6.2
37TH	445.17	11.4	-44.7	3308	3152	3.4	-14.2	-18	3	54.9	-760.4	70.0	3.9	5.6
38TH	457.17	9.5	-46.1	3308	3152	2.9	-14.6	-17	2	45.4	-714.3	61.2	3.3	5.0
39TH	469.17	7.6	-47.5	3308	3152	2.3	-15.1	-16	1	37.8	-666.7	52.9	2.8	4.4
40TH	481.17	5.7	-48.9	3308	3152	1.7	-15.5	-15	1	32.1	-617.8	45.2	2.4	3.9
41ST	493.17	3.8	-50.3	3308	3152	1.1	-16.0	-13	1	28.4	-567.5	38.1	2.0	3.4
42ND	505.17	2.8	-51.0	3308	3152	.8	-16.2	-12	0	25.6	-516.5	31.6	1.7	2.9
43RD	517.17	2.6	-51.1	3308	3152	.8	-16.2	-11	0	23.0	-465.4	25.7	1.4	2.5
44TH	529.17	2.5	-51.1	3308	3152	.8	-16.2	-10	0	20.5	-414.3	20.4	1.2	2.1
45TH	541.17	2.4	-51.1	3308	3152	.7	-16.2	-9	0	18.1	-363.1	15.8	.9	1.7
46TH	553.17	2.2	-51.2	3308	3152	.7	-16.2	-8	0	15.9	-312.0	11.7	.7	1.4
47TH	565.17	2.1	-51.2	3308	3152	.6	-16.2	-8	0	13.8	-260.7	8.3	.5	1.1
48TH	577.17	2.0	-51.2	3308	3152	.6	-16.3	-7	0	11.8	-209.5	5.4	.4	.9
49TH	589.17	1.8	-51.3	3308	3152	.6	-16.3	-6	0	10.0	-158.2	3.2	.3	.7
50TH	601.17	1.7	-51.3	3308	3152	.5	-16.3	-5	0	8.3	-106.9	1.6	.2	.5
		2.3	-45.3	3308	3152	.7	-14.4	-5	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 320 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
51ST	613.17									6.0	-61.6	.6	.1	.3
		3.0	-37.2	3308	3152	.9	-11.8	-6	0					
MECH	625.17									3.0	-24.4	.1	.0	.1
		3.0	-24.4	2711	2583	1.1	-9.5	-7	0					
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									448.9	-1192.1	526.7	121.1	.9
2ND	22.33	24.2	-19.9	6179	5557	3.9	-3.6	6	-4	424.7	-1172.2	500.3	111.3	1.2
3RD	37.17	14.9	-13.1	4104	3691	3.6	-3.5	6	-4	409.8	-1159.1	483.0	105.1	1.3
4TH	49.17	10.9	-10.1	3320	2986	3.3	-3.4	2	-1	398.9	-1149.1	469.2	100.3	1.3
5TH	61.17	10.0	-9.8	3320	2986	3.0	-3.3	-1	0	388.9	-1139.3	455.4	95.6	1.3
6TH	73.17	9.2	-9.4	3320	2986	2.8	-3.2	-4	2	379.7	-1129.9	441.8	91.0	1.3
7TH	85.17	8.2	-9.1	3320	2986	2.5	-3.0	-8	4	371.5	-1120.8	428.3	86.5	1.2
8TH	97.17	7.4	-8.6	3320	2986	2.2	-2.9	-11	5	364.1	-1112.2	414.9	82.0	1.0
9TH	109.17	6.6	-7.9	3320	2986	2.0	-2.6	-15	7	357.4	-1104.3	401.6	77.7	.9
10TH	121.17	5.8	-7.1	3320	2986	1.8	-2.4	-20	9	351.6	-1097.2	388.4	73.5	.7
11TH	133.17	5.0	-6.3	3320	2986	1.5	-2.1	-27	12	346.6	-1090.9	375.3	69.3	.5
12TH	145.17	4.2	-5.5	3320	2986	1.3	-1.9	-37	15	342.4	-1085.4	362.2	65.1	.3
13TH	157.17	3.4	-4.8	3320	2986	1.0	-1.6	-50	19	339.1	-1080.6	349.2	61.0	.0
14TH	169.17	2.4	-4.0	3323	2439	.7	-1.6	-67	22	336.6	-1076.6	336.3	57.0	-.3
15TH	181.17	2.4	-3.6	3326	1791	.7	-2.0	-61	22	334.2	-1073.0	323.4	53.0	-.5
16TH	193.17	3.3	-3.6	3326	1791	1.0	-2.0	-40	20	330.9	-1069.4	310.5	49.0	-.7
17TH	205.17	4.3	-3.6	3326	1791	1.3	-2.0	-24	16	326.6	-1065.8	297.7	45.0	-.8
18TH	217.17	5.2	-3.6	3326	1791	1.6	-2.0	-14	11	321.4	-1062.2	284.9	41.1	-1.0
19TH	229.17	6.2	-3.6	3326	1791	1.9	-2.0	-7	7	315.3	-1058.6	272.2	37.3	-1.0
20TH	241.17	7.9	-3.6	3326	1791	2.4	-2.0	-2	3	307.4	-1055.0	259.5	33.6	-1.1
21ST	253.17	10.2	-3.6	3326	1791	3.1	-2.0	0	-0	297.3	-1051.4	246.9	30.0	-1.1
22ND	265.17	12.4	-3.6	3326	1791	3.7	-2.0	1	-3	284.8	-1047.8	234.3	26.5	-1.0
23RD	277.17	14.7	-3.6	3326	1791	4.4	-2.0	2	-4	270.1	-1044.2	221.7	23.1	-.9
24TH	289.17	17.0	-3.6	3326	1791	5.1	-2.0	2	-6	253.1	-1040.5	209.2	20.0	-.8
25TH	301.17	20.2	-11.4	3311	2907	6.1	-3.9	-6	6	232.9	-1029.1	196.8	17.1	-1.0
		20.2	-15.9	3308	3152	6.1	-4.7	-11	8					

TABLE 7 SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 27.6 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									212.7	-1914.1	184.6	14.4	-1.3
27TH	325.17	19.6	-17.2	3308	3152	5.9	-5.5	-13	8	193.1	-996.9	172.5	12.0	-1.7
28TH	337.17	19.1	-19.5	3308	3152	5.8	-6.2	-15	8	174.0	-977.4	160.7	9.8	-2.1
29TH	349.17	18.5	-21.8	3308	3152	5.6	-6.9	-18	8	155.5	-955.6	149.1	7.8	-2.6
30TH	361.17	18.0	-24.1	3308	3152	5.4	-7.6	-19	8	137.5	-931.5	137.7	6.0	-3.2
31ST	373.17	17.4	-26.4	3308	3152	5.3	-8.4	-21	7	120.1	-905.2	126.7	4.5	-3.8
32ND	385.17	16.9	-28.6	3308	3152	5.1	-9.1	-23	7	103.2	-876.5	116.9	3.1	-4.4
33RD	397.17	16.4	-30.8	3308	3152	5.0	-9.8	-22	6	86.8	-845.7	105.7	2.0	-5.0
34TH	409.17	15.2	-32.3	3308	3152	4.6	-10.3	-19	5	71.6	-813.4	95.7	1.1	-5.6
35TH	421.17	13.9	-33.9	3308	3152	4.2	-10.7	-15	3	57.8	-779.5	86.2	.3	-6.0
36TH	433.17	12.6	-35.4	3308	3152	3.8	-11.2	-12	2	45.2	-744.1	77.9	-.3	-6.4
37TH	445.17	11.3	-36.9	3308	3152	3.4	-11.7	-9	1	33.9	-707.3	68.3	-.8	-6.7
38TH	457.17	10.0	-38.4	3308	3152	3.0	-12.2	-6	1	23.9	-668.9	60.1	-1.2	-6.9
39TH	469.17	8.7	-39.9	3308	3152	2.6	-12.7	-3	0	15.2	-629.0	52.3	-1.4	-6.9
40TH	481.17	7.4	-41.4	3308	3152	2.3	-13.1	-0	0	7.7	-587.6	45.0	-1.5	-6.9
41ST	493.17	6.2	-42.9	3308	3152	1.9	-13.6	3	-0	1.6	-544.7	38.2	-1.6	-6.9
42ND	505.17	5.1	-44.1	3308	3152	1.5	-14.0	5	-0	-3.6	-500.5	31.9	-1.6	-6.7
43RD	517.17	4.3	-45.0	3308	3152	1.3	-14.3	7	-0	-7.9	-455.6	26.2	-1.5	-6.4
44TH	529.17	3.5	-45.8	3308	3152	1.0	-14.5	9	-0	-11.3	-409.7	21.0	-1.4	-6.1
45TH	541.17	2.6	-46.7	3308	3152	.8	-14.8	11	-0	-13.9	-363.1	16.4	-1.2	-5.7
46TH	553.17	1.8	-47.6	3308	3152	.5	-15.1	13	-0	-15.7	-315.5	12.3	-1.1	-5.3
47TH	565.17	1.0	-48.4	3308	3152	.3	-15.4	15	-0	-16.7	-267.1	8.8	-.9	-4.7
48TH	577.17	.1	-49.3	3308	3152	.0	-15.6	17	-0	-16.8	-217.8	5.9	-.7	-4.1
49TH	589.17	-.7	-50.1	3308	3152	-.2	-15.9	19	0	-16.1	-167.7	3.6	-.5	-3.4
50TH	601.17	-1.5	-51.0	3308	3152	-.5	-16.2	20	0	-14.6	-116.7	1.9	-.3	-2.6
		-3.5	-46.8	3308	3152	-1.1	-14.9	24	1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
51ST	613.17									-11.1	-69.9	.7	-.1	-1.8
		-5.3	-40.9	3308	3152	-1.6	-13.0	30	2					
MECH	625.17									-5.8	-29.0	.1	-.0	-.8
		-5.8	-29.0	2711	2583	-2.1	-11.2	37	4					
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									-44.2	-1128.7	485.4	-95.2	1.4
2ND	22.33	22.0	-20.8	6179	5557	3.6	-3.7	1	-0	-66.2	-1107.9	460.4	-93.9	1.4
3RD	37.17	13.7	-13.3	4104	3691	3.3	-3.6	3	-1	-79.9	-1094.5	444.1	-92.9	1.5
4TH	49.17	10.2	-9.8	3320	2986	3.1	-3.3	0	-0	-90.2	-1084.8	431.0	-91.8	1.5
5TH	61.17	9.6	-9.4	3320	2986	2.9	-3.2	-1	1	-99.7	-1075.4	418.0	-90.7	1.4
6TH	73.17	8.9	-9.1	3320	2986	2.7	-3.0	-2	1	-108.6	-1066.3	405.2	-89.4	1.4
7TH	85.17	8.1	-8.7	3320	2986	2.4	-2.9	-4	2	-116.7	-1057.6	392.4	-88.1	1.4
8TH	97.17	7.3	-8.4	3320	2986	2.2	-2.8	-6	3	-124.0	-1049.2	379.8	-86.6	1.3
9TH	109.17	6.2	-8.4	3320	2986	1.9	-2.8	-11	4	-130.2	-1040.7	367.3	-85.1	1.2
10TH	121.17	5.1	-8.5	3320	2986	1.5	-2.8	-16	5	-135.3	-1032.3	354.8	-83.5	1.0
11TH	133.17	4.1	-8.5	3320	2986	1.2	-2.8	-23	6	-139.4	-1023.8	342.5	-81.9	.9
12TH	145.17	3.0	-8.5	3320	2986	.9	-2.8	-30	6	-142.4	-1015.3	330.2	-80.2	.7
13TH	157.17	2.0	-8.5	3320	2986	.6	-2.8	-37	5	-144.4	-1006.8	318.1	-78.5	.4
14TH	169.17	.7	-8.4	3323	2439	.2	-3.5	-42	2	-145.0	-998.4	306.1	-76.7	.1
15TH	181.17	.1	-8.4	3326	1791	.0	-4.7	-42	0	-145.1	-990.0	294.1	-75.0	-.1
16TH	193.17	.2	-8.3	3326	1791	.0	-4.6	-45	0	-145.3	-981.7	282.3	-73.2	-.4
17TH	205.17	.3	-8.3	3326	1791	.1	-4.6	-47	1	-145.5	-973.4	270.6	-71.5	-.7
18TH	217.17	.4	-8.2	3326	1791	.1	-4.6	-50	1	-145.9	-965.2	259.0	-69.8	-1.0
19TH	229.17	.5	-8.2	3326	1791	.1	-4.6	-52	2	-146.4	-957.0	247.4	-68.0	-1.3
20TH	241.17	1.3	-8.2	3326	1791	.4	-4.6	-47	4	-147.7	-948.8	236.0	-66.2	-1.6
21ST	253.17	2.7	-8.1	3326	1791	.8	-4.5	-37	6	-150.3	-940.7	224.6	-64.4	-1.8
22ND	265.17	4.0	-8.1	3326	1791	1.2	-4.5	-26	7	-154.3	-932.7	213.4	-62.6	-2.0
23RD	277.17	5.4	-8.0	3326	1791	1.6	-4.5	-17	6	-159.7	-924.6	202.3	-60.7	-2.2
24TH	289.17	6.7	-8.0	3326	1791	2.0	-4.5	-10	4	-166.4	-916.6	191.2	-58.8	-2.3
25TH	301.17	7.5	-12.9	3311	2907	2.3	-4.4	-27	8	-174.0	-903.7	180.3	-56.7	-2.6
		7.0	-14.8	3308	3152	2.1	-4.7	-29	7					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									-180.9	-888.9	169.5	-54.6	-3.0
27TH	325.17	6.3	-15.9	3308	3152	1.9	-5.0	-28	6	-187.2	-873.0	159.0	-52.4	-3.4
28TH	337.17	5.5	-17.0	3308	3152	1.7	-5.4	-26	5	-192.7	-856.0	148.6	-50.1	-3.8
29TH	349.17	4.8	-18.0	3308	3152	1.5	-5.7	-25	4	-197.6	-837.9	138.4	-47.8	-4.1
30TH	361.17	4.1	-19.1	3308	3152	1.2	-6.1	-23	3	-201.7	-818.8	128.5	-45.4	-4.5
31ST	373.17	3.4	-20.2	3308	3152	1.0	-6.4	-22	2	-205.1	-798.6	118.8	-42.9	-4.8
32ND	385.17	2.7	-21.3	3308	3152	.8	-6.7	-20	1	-207.9	-777.4	109.3	-40.5	-5.1
33RD	397.17	2.2	-22.4	3308	3152	.7	-7.1	-16	1	-210.1	-755.0	100.1	-38.0	-5.4
34TH	409.17	1.5	-24.0	3308	3152	.5	-7.6	-12	0	-211.6	-731.0	91.2	-35.4	-5.6
35TH	421.17	.8	-25.6	3308	3152	.2	-8.1	-9	0	-212.4	-705.4	82.6	-32.9	-5.8
36TH	433.17	.1	-27.1	3308	3152	.0	-8.6	-6	0	-212.5	-678.3	74.3	-30.3	-5.9
37TH	445.17	-.6	-28.7	3308	3152	-.2	-9.1	-3	-0	-211.9	-649.6	66.3	-27.8	-5.9
38TH	457.17	-1.3	-30.3	3308	3152	-.4	-9.6	-0	-0	-210.6	-619.3	58.7	-25.3	-5.9
39TH	469.17	-2.0	-31.9	3308	3152	-.6	-10.1	2	0	-208.6	-587.4	51.5	-22.7	-5.9
40TH	481.17	-2.7	-33.5	3308	3152	-.8	-10.6	4	0	-205.9	-553.9	44.6	-20.2	-5.8
41ST	493.17	-3.4	-35.1	3308	3152	-1.0	-11.1	6	0	-202.5	-518.9	38.2	-17.8	-5.6
42ND	505.17	-5.0	-36.7	3308	3152	-1.5	-11.6	7	1	-197.5	-482.2	32.2	-15.4	-5.4
43RD	517.17	-7.4	-38.4	3308	3152	-2.2	-12.2	8	1	-190.1	-443.8	26.6	-13.1	-5.2
44TH	529.17	-9.7	-40.1	3308	3152	-2.9	-12.7	9	1	-180.4	-403.7	21.5	-10.9	-4.9
45TH	541.17	-12.1	-41.8	3308	3152	-3.6	-13.3	10	2	-168.3	-361.8	17.0	-8.8	-4.5
46TH	553.17	-14.4	-43.5	3308	3152	-4.4	-13.8	10	2	-153.9	-318.3	12.9	-6.8	-4.2
47TH	565.17	-16.8	-45.2	3308	3152	-5.1	-14.4	11	2	-137.1	-273.1	9.3	-5.1	-3.7
48TH	577.17	-19.1	-46.9	3308	3152	-5.8	-14.9	11	2	-118.0	-226.1	6.3	-3.5	-3.3
49TH	589.17	-21.4	-48.7	3308	3152	-6.5	-15.4	12	3	-96.6	-177.5	3.9	-2.3	-2.8
50TH	601.17	-23.8	-50.4	3308	3152	-7.2	-16.0	12	3	-72.8	-127.1	2.1	-1.2	-2.2
		-25.2	-48.3	3308	3152	-7.6	-15.3	15	4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
51ST	613.17	-25.9	-44.8	3308	3152	-7.8	-14.2	18	6	-47.6	-78.9	.8	-.5	-1.6
MECH	625.17	-21.7	-34.1	2711	2583	-8.0	-13.2	22	7	-21.7	-34.1	.2	-.1	-.8
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 359 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
1ST	0.00									-316.5	-863.3	356.2	-172.4	10.6
2ND	22.33	9.1	-19.3	6179	5557	1.5	-3.5	-15	4	-325.6	-844.0	337.1	-165.2	10.4
3RD	37.17	5.1	-12.4	4104	3691	1.2	-3.4	-12	3	-330.7	-831.5	324.7	-160.3	10.3
4TH	49.17	3.2	-9.4	3320	2986	1.0	-3.1	-19	3	-333.9	-822.2	314.8	-156.3	10.1
5TH	61.17	2.5	-9.0	3320	2986	.8	-3.0	-22	3	-336.5	-813.2	304.9	-152.3	10.0
6TH	73.17	1.9	-8.6	3320	2986	.6	-2.9	-25	3	-338.4	-804.6	295.2	-148.3	9.8
7TH	85.17	1.2	-8.2	3320	2986	.3	-2.7	-29	2	-339.5	-796.5	285.6	-144.2	9.6
8TH	97.17	.6	-7.9	3320	2986	.2	-2.7	-32	1	-340.1	-788.5	276.1	-140.1	9.4
9TH	109.17	.1	-8.2	3320	2986	.0	-2.7	-34	0	-340.2	-780.4	266.7	-136.0	9.2
10TH	121.17	-.4	-8.4	3320	2986	-.1	-2.8	-36	-1	-339.8	-772.0	257.4	-131.9	9.0
11TH	133.17	-.9	-8.7	3320	2986	-.3	-2.9	-37	-2	-338.9	-763.3	248.2	-127.9	8.7
12TH	145.17	-1.4	-8.9	3320	2986	-.4	-3.0	-38	-3	-337.6	-754.4	239.1	-123.8	8.5
13TH	157.17	-1.8	-9.1	3320	2986	-.6	-3.1	-38	-4	-335.7	-745.3	230.1	-119.8	8.2
14TH	169.17	-2.8	-8.6	3323	2439	-.9	-3.5	-41	-7	-332.9	-736.6	221.2	-115.8	7.9
15TH	181.17	-3.8	-7.7	3326	1791	-1.2	-4.3	-44	-12	-329.1	-728.9	212.4	-111.8	7.6
16TH	193.17	-4.1	-7.6	3326	1791	-1.2	-4.2	-44	-13	-325.0	-721.3	203.7	-107.9	7.3
17TH	205.17	-4.4	-7.5	3326	1791	-1.3	-4.2	-44	-14	-320.6	-713.8	195.1	-104.0	7.0
18TH	217.17	-4.6	-7.3	3326	1791	-1.4	-4.1	-44	-15	-316.0	-706.5	186.6	-100.2	6.6
19TH	229.17	-4.9	-7.2	3326	1791	-1.5	-4.0	-44	-16	-311.0	-699.4	178.1	-96.4	6.3
20TH	241.17	-4.6	-7.0	3326	1791	-1.4	-3.9	-45	-16	-306.4	-692.4	169.8	-92.7	5.9
21ST	253.17	-3.9	-6.9	3326	1791	-1.2	-3.8	-47	-14	-302.5	-685.5	161.5	-89.1	5.6
22ND	265.17	-3.2	-6.7	3326	1791	-1.0	-3.8	-49	-13	-299.2	-678.8	153.3	-85.4	5.3
23RD	277.17	-2.5	-6.6	3326	1791	-.8	-3.7	-50	-10	-296.7	-672.2	145.2	-81.9	5.1
24TH	289.17	-1.8	-6.4	3326	1791	-.6	-3.6	-50	-8	-294.9	-665.7	137.2	-78.3	4.8
25TH	301.17	-.7	-8.0	3311	2907	-.2	-2.7	-74	-4	-294.1	-657.8	129.2	-74.8	4.4
		-.4	-9.4	3308	3152	-.1	-3.0	-66	-2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 350 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	313.17									-293.7	-648.4	121.4	-71.3	3.9
27TH	325.17	-.3	-10.6	3308	3152	-.1	-3.4	-55	-1	-293.4	-637.8	113.7	-67.7	3.5
28TH	337.17	-.1	-11.9	3308	3152	-.0	-3.8	-46	-0	-293.4	-625.9	106.1	-64.2	3.1
29TH	349.17	.1	-13.2	3308	3152	.0	-4.2	-39	0	-293.5	-612.7	98.7	-60.7	2.7
30TH	361.17	.3	-14.5	3308	3152	.1	-4.6	-33	0	-293.7	-598.2	91.4	-57.2	2.3
31ST	373.17	.5	-15.7	3308	3152	.1	-5.0	-28	0	-294.2	-582.5	84.3	-53.6	2.0
32ND	385.17	.6	-17.0	3308	3152	.2	-5.4	-24	0	-294.8	-565.4	77.4	-50.1	1.7
33RD	397.17	.6	-18.3	3308	3152	.2	-5.8	-19	0	-295.4	-547.2	70.8	-46.6	1.4
34TH	409.17	-.9	-19.2	3308	3152	-.3	-6.1	-18	-0	-294.5	-527.9	64.3	-43.0	1.2
35TH	421.17	-2.3	-20.2	3308	3152	-.7	-6.4	-16	-1	-292.2	-507.7	58.1	-39.5	.9
36TH	433.17	-3.7	-21.2	3308	3152	-1.1	-6.7	-14	-1	-288.5	-486.6	52.1	-36.0	.7
37TH	445.17	-5.2	-22.1	3308	3152	-1.6	-7.0	-12	-2	-283.4	-464.4	46.4	-32.6	.5
38TH	457.17	-6.6	-23.1	3308	3152	-2.0	-7.3	-11	-2	-276.8	-441.3	41.0	-29.2	.3
39TH	469.17	-8.0	-24.1	3308	3152	-2.4	-7.6	-9	-2	-268.8	-417.2	35.8	-26.0	.1
40TH	481.17	-9.4	-25.1	3308	3152	-2.9	-7.9	-8	-2	-259.3	-392.2	31.0	-22.8	-.0
41ST	493.17	-10.9	-26.0	3308	3152	-3.3	-8.3	-7	-2	-248.4	-366.2	26.4	-19.7	-.2
42ND	505.17	-12.5	-27.0	3308	3152	-3.8	-8.6	-6	-1	-235.9	-339.1	22.2	-16.8	-.3
43RD	517.17	-14.3	-28.1	3308	3152	-4.3	-8.9	-4	-1	-221.6	-311.0	18.3	-14.1	-.5
44TH	529.17	-16.1	-29.2	3308	3152	-4.9	-9.3	-3	-1	-205.5	-281.8	14.7	-11.5	-.5
45TH	541.17	-17.9	-30.3	3308	3152	-5.4	-9.6	-2	-1	-187.6	-251.5	11.5	-9.2	-.6
46TH	553.17	-19.7	-31.3	3308	3152	-5.9	-9.9	-1	-0	-168.0	-220.2	8.7	-7.0	-.6
47TH	565.17	-21.5	-32.4	3308	3152	-6.5	-10.3	0	0	-146.5	-187.8	6.3	-5.2	-.6
48TH	577.17	-23.2	-33.5	3308	3152	-7.0	-10.6	1	0	-123.3	-154.3	4.2	-3.5	-.5
49TH	589.17	-25.0	-34.6	3308	3152	-7.6	-11.0	2	1	-98.2	-119.7	2.6	-2.2	-.5
50TH	601.17	-26.8	-35.7	3308	3152	-8.1	-11.3	2	1	-71.4	-84.0	1.3	-1.2	-.4
		-26.4	-33.2	3308	3152	-8.0	-10.5	3	1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TWO DALLAS CENTRE
WIND DIRECTION 350 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 74 FT IN THE X DIRECTION AND 138 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
51ST	613.17									-45.0	-50.8	.5	-.5	-.3
		-25.2	-29.5	3308	3152	-7.6	-9.3	4	2					
MECH	625.17									-19.8	-21.4	.1	-.1	-.1
		-19.8	-21.4	2711	2583	-7.3	-8.3	4	2					
TOP	635.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. TWO DALLAS CENTRE

PROJECT 7820 CONFIGURATION A
SCALE = 400 REF. PRESSURE = 27.0
GUST FACTOR = 1.32 STANDARD FLOOR HEIGHT = 12.00
NUMBER OF SIDES = 10 NO. OF FLOORS = 52

SIDE	ANGLE	Z-AXIS
1	300.0	2.080
2	0.0	2.870
3	60.0	2.440
4	300.0	-.360
5	60.0	.480
6	120.0	2.080
7	180.0	2.870
8	240.0	2.440
9	120.0	-.360
10	240.0	.480

FLOOR #	LABEL	HEIGHT-FT
1	1ST	22.33
2	2ND	14.83
3	3RD	12.00
4	4TH	12.00
5	5TH	12.00
6	6TH	12.00
7	7TH	12.00
8	8TH	12.00
9	9TH	12.00
10	10TH	12.00
11	11TH	12.00
12	12TH	12.00
13	13TH	12.00
14	14TH	12.00
15	15TH	12.00
16	16TH	12.00
17	17TH	12.00
18	18TH	12.00
19	19TH	12.00
20	20TH	12.00
21	21ST	12.00
22	22ND	12.00
23	23RD	12.00
24	24TH	12.00
25	25TH	12.00
26	26TH	12.00
27	27TH	12.00
28	28TH	12.00
29	29TH	12.00
30	30TH	12.00
31	31ST	12.00
32	32ND	12.00
33	33RD	12.00
34	34TH	12.00
35	35TH	12.00
36	36TH	12.00
37	37TH	12.00
38	38TH	12.00
39	39TH	12.00
40	40TH	12.00
41	41ST	12.00
42	42ND	12.00
43	43RD	12.00
44	44TH	12.00
45	45TH	12.00
46	46TH	12.00
47	47TH	12.00
48	48TH	12.00
49	49TH	12.00
50	50TH	12.00
51	51ST	12.00
52	MECH	9.83

APPENDIX A

PRESSURE DATA

Note: Pressure coefficients are defined in Section 4.3.

Pressure tap designation is explained in Figure 3.

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	1	-.049	.059	.246	-.247
0	2	-.074	.047	.105	-.255
0	3	-.096	.057	.104	-.386
0	4	-.073	.057	.135	-.340
0	101	-.285	.134	.059	-1.022
0	102	-.274	.107	.041	-.920
0	103	-.299	.130	.067	-1.326
0	104	-.306	.113	.072	-.939
0	105	-.300	.105	.017	-.794
0	106	-.132	.079	.198	-.427
0	107	-.035	.122	.480	-.491
0	108	.052	.145	.704	-.590
0	109	.069	.208	1.017	-.873
0	110	.298	.226	1.057	-.596
0	111	-.073	.171	.595	-.741
0	112	-.042	.166	.613	-.702
0	113	-.304	.153	.291	-.951
0	114	-.156	.099	.225	-.547
0	115	-.032	.131	.556	-.555
0	116	.062	.174	.650	-.655
0	117	.073	.224	.794	-.865
0	118	.055	.233	.723	-.981
0	119	.153	.315	1.248	-1.002
0	120	.157	.312	1.164	-.875
0	121	.076	.304	1.068	-.824
0	122	-.013	.227	.843	-.746
0	123	-.098	.255	1.108	-1.220
0	124	-.262	.100	.005	-.835
0	125	-.258	.093	.044	-1.132
0	126	-.254	.078	.027	-.874
0	127	-.257	.084	-.022	-.965
0	128	-.248	.081	-.007	-.944
0	129	-.143	.085	.166	-.528
0	130	-.044	.091	.291	-.444
0	131	.088	.150	.632	-.476
0	132	.123	.227	1.016	-.961
0	133	.402	.277	1.342	-.753
0	134	.099	.136	.556	-.420
0	135	.312	.237	1.344	-.306
0	136	-.081	.132	.435	-.566
0	137	.008	.122	.479	-.506
0	138	.073	.116	.581	-.385
0	139	.141	.185	.907	-.456
0	140	.168	.230	1.073	-.726
0	141	.134	.287	1.115	-1.107
0	142	.224	.255	1.066	-.724
0	143	.231	.295	1.226	-.726
0	144	.146	.270	1.181	-.588
0	145	.001	.215	.909	-.807
0	146	-.119	.164	.505	-.876

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	147	-.273	.110	-.002	-1.024
0	148	-.261	.101	.015	-1.020
0	149	-.257	.099	.020	-.826
0	150	-.245	.083	-.030	-1.428
0	151	-.250	.096	-.003	-1.508
0	152	-.185	.083	.134	-.761
0	153	-.122	.088	.328	-.594
0	154	-.034	.090	.517	-.400
0	155	-.023	.145	.853	-.641
0	156	.179	.220	1.060	-.605
0	157	-.025	.112	.420	-.394
0	158	.099	.124	.728	-.241
0	159	-.056	.107	.398	-.427
0	160	.006	.121	.442	-.818
0	161	.009	.122	.479	-.499
0	162	.019	.127	.502	-.412
0	163	.004	.177	.557	-.903
0	164	-.005	.189	.746	-.791
0	165	-.014	.228	1.134	-1.063
0	166	.000	.166	.868	-.599
0	167	-.047	.147	.727	-.803
0	168	-.082	.125	.440	-.613
0	169	-.120	.142	.342	-.914
0	170	-.257	.083	-.003	-.778
0	171	-.262	.094	-.013	-.839
0	172	-.263	.107	-.007	-1.025
0	173	-.263	.104	-.008	-1.241
0	174	-.254	.089	-.033	-1.176
0	175	.191	.079	.108	-.607
0	176	.163	.079	.137	-.428
0	177	.122	.080	.264	-.357
0	178	.128	.095	.299	-.515
0	179	.022	.126	.640	-.397
0	180	.098	.073	.197	-.366
0	181	.025	.096	.444	-.367
0	182	.104	.073	.188	-.430
0	183	.073	.084	.250	-.362
0	184	.091	.082	.223	-.488
0	185	.104	.090	.302	-.482
0	186	.122	.087	.197	-.648
0	187	.117	.098	.316	-.686
0	188	.142	.109	.349	-.941
0	189	.134	.094	.328	-.712
0	190	.120	.071	.140	-.539
0	191	.114	.093	.150	-.849
0	192	.142	.098	.135	-.870
0	193	.133	.089	.281	-.591
0	194	.005	.097	.445	-.284
0	195	.033	.106	.584	-.274
0	196	.029	.100	.476	-.264

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	197	-.135	.082	.162	-.627
0	198	-.221	.079	.001	-.736
0	199	-.204	.087	.038	-.763
0	200	-.238	.103	-.006	-1.316
0	201	-.261	.112	.132	-1.059
0	202	-.257	.098	.138	-.901
0	203	-.195	.078	.181	-.668
0	204	-.182	.069	.132	-.488
0	205	-.167	.064	.120	-.487
0	206	-.221	.099	.027	-.771
0	207	-.219	.094	.068	-.770
0	208	-.221	.116	.068	-.903
0	209	-.131	.067	.179	-.440
0	210	-.129	.060	.105	-.584
0	211	-.115	.065	.136	-.470
0	212	-.125	.069	.104	-.507
0	213	-.116	.059	.141	-.381
0	214	-.099	.052	.090	-.317
0	215	-.089	.061	.115	-.365
0	216	-.109	.060	.094	-.462
0	217	-.186	.063	.023	-.629
0	218	-.169	.052	.019	-.456
0	219	-.139	.057	.078	-.486
0	220	-.134	.056	.109	-.445
0	221	-.127	.059	.118	-.579
0	222	-.130	.055	.109	-.369
0	223	-.146	.053	.045	-.542
0	224	-.161	.049	.018	-.471
0	225	-.170	.055	.007	-.473
0	226	-.171	.053	.001	-.449
0	227	-.155	.060	.041	-.525
0	228	-.160	.048	.013	-.402
0	229	-.157	.047	.018	-.383
0	230	-.147	.042	.008	-.300
0	231	-.125	.047	.043	-.313
0	232	-.134	.046	.035	-.292
0	233	-.134	.052	.028	-.331
0	234	-.128	.050	.045	-.319
0	235	-.116	.064	.122	-.374
0	236	-.145	.076	.137	-.564
0	237	-.103	.071	.281	-.390
0	238	-.083	.062	.266	-.326
0	239	-.056	.056	.188	-.262
0	240	-.081	.049	.166	-.297
0	241	-.087	.053	.073	-.301
0	242	-.139	.046	.098	-.286
0	243	-.113	.047	.050	-.281
0	244	-.128	.046	.035	-.295
0	245	-.140	.046	.028	-.317
0	246	-.140	.042	.036	-.312

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	247	-.151	.043	-.009	-.337
0	248	-.147	.042	.020	-.385
0	249	-.148	.043	.015	-.302
0	250	-.164	.042	-.001	-.345
0	251	-.156	.045	.041	-.356
0	252	-.144	.043	.057	-.298
0	253	-.144	.043	.041	-.296
0	254	-.153	.040	.014	-.296
0	255	-.149	.045	.039	-.322
0	256	-.127	.049	.115	-.312
0	257	-.137	.047	.036	-.305
0	258	-.145	.043	.004	-.303
0	259	-.140	.047	.032	-.315
0	260	-.135	.047	.030	-.307
0	261	-.136	.048	.089	-.321
0	262	-.152	.049	.063	-.423
0	263	-.152	.068	.171	-.559
0	264	-.173	.101	.229	-1.047
0	265	-.079	.085	.401	-.389
0	266	-.060	.076	.392	-.271
0	267	-.051	.062	.292	-.243
0	268	-.065	.047	.129	-.225
0	269	-.075	.049	.089	-.290
0	270	-.154	.039	-.015	-.289
0	271	-.086	.060	.121	-.404
0	272	-.072	.051	.093	-.375
0	273	-.140	.045	.007	-.302
0	274	-.151	.042	.004	-.298
0	275	-.086	.055	.186	-.363
0	276	-.079	.053	.086	-.302
0	277	-.138	.042	.010	-.290
0	278	-.149	.038	-.013	-.286
0	279	-.145	.043	.015	-.286
0	280	-.147	.044	.008	-.288
0	281	-.147	.043	.015	-.353
0	282	-.150	.038	-.003	-.298
0	283	-.135	.042	.017	-.281
0	284	-.125	.043	.037	-.264
0	285	-.131	.047	.065	-.297
0	286	-.127	.045	.077	-.264
0	287	-.131	.047	.032	-.310
0	288	-.124	.045	.032	-.268
0	289	-.131	.045	.027	-.261
0	290	-.144	.042	.002	-.310
0	291	-.134	.046	.027	-.303
0	292	-.128	.049	.037	-.288
0	293	-.139	.057	.111	-.432
0	294	-.158	.058	.080	-.508
0	295	-.106	.060	.328	-.322
0	296	-.072	.062	.367	-.281

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	297	-.043	.059	.356	-.221
0	298	-.069	.045	.089	-.279
0	299	-.064	.050	.116	-.318
0	300	-.514	.357	.627	-2.772
0	301	-.359	.227	.378	-1.570
0	302	-.235	.171	.413	-1.380
0	303	-.228	.124	.310	-1.055
0	304	-.261	.103	.053	-.830
0	305	-.337	.095	.121	-.826
0	306	-.336	.111	.051	-.969
0	307	-.308	.112	.053	-1.048
0	308	-.298	.130	.053	-1.196
0	309	-.267	.091	.022	-.729
0	310	-.245	.089	.007	-.849
0	311	-.242	.088	.021	-.704
0	312	-.258	.103	.168	-.707
0	313	-.234	.099	.204	-.671
0	314	-.271	.117	.115	-.874
0	315	-.229	.095	.063	-.808
0	316	-.219	.081	.030	-.638
0	317	-.217	.066	.034	-.595
0	318	-.236	.079	.004	-.604
0	319	-.230	.075	.009	-.606
0	320	-.226	.067	.019	-.516
0	321	-.225	.065	.001	-.519
0	322	-.243	.086	.020	-.613
0	323	-.376	.275	.513	-1.859
0	324	-.358	.319	.666	-2.030
0	325	-.196	.157	.396	-1.173
0	326	-.217	.114	.383	-.832
0	327	-.260	.099	.359	-.820
0	328	-.356	.101	.376	-.855
0	329	-.345	.085	.387	-.803
0	330	-.327	.101	.410	-.800
0	331	-.290	.109	.423	-.906
0	332	-.269	.092	.439	-.781
0	333	-.240	.064	.424	-.561
0	334	-.232	.075	.402	-.669
0	335	-.250	.078	.419	-.697
0	336	-.222	.098	.309	-.786
0	337	-.228	.071	.413	-.611
0	338	-.225	.079	.414	-.643
0	339	-.220	.070	.407	-.664
0	340	-.224	.067	.402	-.643
0	341	-.221	.058	.427	-.554
0	342	-.231	.067	.407	-.617
0	343	-.225	.061	.409	-.526
0	344	-.227	.064	.416	-.691
0	345	-.227	.059	.422	-.655
0	346	-.181	.221	.480	-1.584
0	347				

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	348	-.167	.234	.464	-1.661
0	349	-.096	.196	.470	-1.293
0	350	-.113	.112	.258	-.755
0	351	-.123	.123	.432	-.785
0	352	-.150	.150	.067	-1.337
0	353	-.156	.156	.048	-1.362
0	354	-.108	.108	.054	-1.097
0	355	-.097	.097	.012	-.830
0	356	-.086	.086	.049	-.811
0	357	-.069	.069	.067	-.634
0	358	-.052	.052	.015	-.512
0	359	-.066	.066	.005	-.645
0	360	-.109	.109	.392	-.757
0	361	-.081	.081	.217	-.722
0	362	-.054	.061	.027	-.557
0	363	-.062	.062	.021	-.459
0	364	-.069	.069	.046	-.544
0	365	-.066	.066	.059	-.526
0	366	-.064	.064	.070	-.533
0	367	-.065	.065	.014	-.517
0	368	-.092	.092	.101	-.588
0	369	-.121	.121	.239	-.879
0	370	-.125	.125	.282	-.875
0	371	-.110	.110	.468	-.834
0	372	-.090	.090	.330	-.740
0	373	-.136	.136	.181	-.621
0	374	-.127	.127	.064	-1.152
0	375	-.083	.083	.032	-1.103
0	376	-.050	.050	.004	-.801
0	377	-.049	.053	.049	-.575
0	378	-.049	.049	.033	-.477
0	379	-.050	.050	.024	-.515
0	380	-.047	.047	.059	-.436
0	381	-.093	.093	.464	-.445
0	382	-.057	.057	.073	-.410
0	383	-.049	.049	.006	-.456
0	384	-.049	.049	.049	-.355
0	385	-.049	.049	.031	-.391
0	386	-.052	.052	.052	-.489
0	387	-.076	.076	.019	-.625
0	388	-.048	.048	.047	-.626
0	389	-.044	.044	.062	-.567
0	390	-.049	.049	.098	-.498
0	391	-.044	.044	.065	-.482
0	392	-.085	.085	.033	-.414
0	393				
0	394				
0	395				
0	396				
0	397				

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	398	-.121	.057	.107	-.481
0	399	-.118	.065	.242	-.487
0	400	-.098	.082	.538	-.423
0	401	-.134	.083	.259	-.469
0	402	-.180	.071	.129	-.465
0	403	-.357	.106	-.056	-1.058
0	404	-.303	.093	-.040	-.886
0	405	-.237	.063	-.001	-.611
0	406	-.216	.046	-.034	-.445
0	407	-.213	.052	.013	-.502
0	408	-.175	.046	.024	-.459
0	409	-.176	.047	.004	-.333
0	410	-.187	.045	-.031	-.338
0	411	-.197	.055	-.018	-.403
0	412	-.196	.062	-.009	-.495
0	413	-.195	.059	-.006	-.490
0	414	-.199	.050	-.019	-.424
0	415	-.211	.069	-.005	-.948
0	416	-.207	.070	-.004	-.791
0	417	-.335	.091	-.060	-.737
0	418	-.313	.077	-.082	-.667
0	419	-.211	.052	-.061	-.433
0	420	-.168	.043	-.040	-.331
0	421	-.164	.042	-.022	-.287
0	422	-.172	.039	-.036	-.312
0	423	-.110	.059	.117	-.390
0	424	-.098	.058	.145	-.403
0	425	-.082	.079	.229	-.350
0	426	-.118	.068	.232	-.353
0	427	-.171	.070	.153	-.403
0	428	-.310	.083	-.088	-.761
0	429	-.297	.083	-.037	-.659
0	430	-.228	.054	-.054	-.450
0	431	-.202	.053	.003	-.459
0	432	-.189	.047	-.032	-.400
0	433	-.172	.046	-.006	-.353
0	434	-.165	.039	-.034	-.302
0	435	-.164	.044	.003	-.339
0	436	-.153	.041	.012	-.329
0	437	-.155	.044	-.004	-.315
0	438	-.161	.039	-.024	-.312
0	439	-.166	.044	-.018	-.349
0	440	-.156	.044	-.014	-.359
0	441	-.160	.051	.039	-.565
0	442	-.190	.042	-.036	-.340
0	443	-.171	.043	-.008	-.329
0	444	-.157	.042	-.014	-.311
0	445	-.165	.044	.001	-.338
0	446	-.173	.043	-.016	-.320
0	447	-.123	.059	.046	-.474

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	448	-.092	.061	.150	-.387
0	449	-.066	.071	.249	-.299
0	450	-.107	.066	.165	-.327
0	451	-.171	.071	.174	-.402
0	452	-.289	.078	-.044	-.674
0	453	-.275	.078	-.006	-.630
0	454	-.207	.051	-.008	-.477
0	455	-.194	.047	.026	-.388
0	456	-.153	.043	.044	-.368
0	457	-.164	.042	-.023	-.337
0	458	-.165	.038	-.035	-.312
0	459	-.198	.044	-.048	-.355
0	460	-.112	.056	.105	-.291
0	461	-.144	.046	-.003	-.330
0	462	-.150	.038	-.040	-.285
0	463	-.167	.045	-.023	-.340
0	464	-.134	.044	.014	-.318
0	465	-.141	.043	.009	-.306
0	466	-.158	.039	-.030	-.302
0	467	-.176	.045	-.021	-.360
0	468	-.143	.045	.019	-.318
0	469	-.150	.048	.021	-.337
0	470	-.102	.051	.059	-.411
0	471	-.176	.048	-.021	-.342
0	472	-.141	.048	.010	-.337
0	473	-.070	.051	.176	-.243
0	474	-.084	.045	.121	-.223
0	475	-.174	.050	.056	-.387
0	476	-.139	.049	.058	-.344
0	477	-.064	.052	.118	-.284
0	478	-.080	.047	.074	-.275
0	479	-.077	.059	.186	-.302
0	480	-.080	.057	.151	-.252
0	481	-.125	.055	.113	-.350
0	482	-.264	.068	-.030	-.670
0	483	-.258	.076	.012	-.641
0	484	-.155	.050	.027	-.405
0	485	-.153	.044	.019	-.323
0	486	-.173	.039	-.028	-.354
0	487	-.191	.047	-.003	-.405
0	488	-.132	.042	.036	-.308
0	489	-.146	.044	.016	-.304
0	490	-.092	.054	.207	-.265
0	491	-.143	.047	.012	-.322
0	492	-.108	.042	.046	-.261
0	493	-.122	.042	.043	-.248
0	494	-.145	.038	.004	-.260
0	495	-.169	.047	.014	-.345
0	496	-.132	.045	.039	-.303
0	497	-.140	.048	.050	-.335

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	498	-.161	.041	.002	-.319
0	499	-.177	.049	.004	-.457
0	801	-.133	.044	.027	-.334
0	802	-.133	.044	.027	-.315
0	803	-.133	.047	.036	-.329
0	804	-.146	.040	.002	-.296
0	805	-.192	.052	.009	-.355
0	806	-.169	.044	.020	-.354
0	807	-.166	.045	.006	-.330
0	808	-.174	.037	.050	-.309
0	901	-.498	.220	.151	-.429
0	902	-.478	.193	.101	-.334
0	903	-.628	.212	.017	-.330
0	904	-.767	.240	.281	-.591
0	905	-.507	.169	.078	-.243
0	906	-.366	.165	.149	-.040
0	907	-.340	.138	.093	-.120
0	908	-.287	.153	.171	-.038
0	909	-.517	.184	.017	-.548
0	910	-.321	.163	.125	-.105
0	911	-.325	.113	.093	-.643
0	912	-.240	.080	.309	-.337
0	913	-.022	.086	.442	-.288
0	914	-.017	.107	.610	-.331
0	915	.000	.092	.487	-.291
0	916	-.166	.090	.197	-.472
0	917	-.172	.114	.269	-.782
0	918	-.129	.086	.233	-.510
0	919	-.205	.095	.135	-.607
0	920	-.114	.121	.382	-.766
0	921	-.281	.125	.204	-.840
0	922	-.190	.076	.089	-.579
0	923	-.230	.122	.159	-1.048
0	924	-.153	.117	.338	-.686
0	925	-.271	.122	.156	-.881
0	926	-.463	.177	.131	-1.357
0	927	-.264	.058	.043	-.527
0	928	-.201	.059	.144	-.440
0	929	-.232	.054	.052	-.570
0	930	-.218	.044	.035	-.356
10	1	-.064	.066	.304	-.266
10	2	-.109	.048	.051	-.281
10	3	-.168	.066	.294	-.492
10	4	-.148	.070	.064	-.561
10	101	-.311	.152	.140	-1.150
10	102	-.248	.124	.100	-1.010
10	103	-.360	.157	.063	-1.962
10	104	-.376	.131	.038	-1.195
10	105	-.278	.130	.031	-1.216
10	106	-.136	.090	.205	-.572

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	107	-.010	.131	.444	-.605
10	108	.089	.153	.606	-.577
10	109	.113	.237	.896	-1.150
10	110	.332	.182	1.049	-.373
10	111	-.016	.148	.575	-.529
10	112	-.015	.162	.625	-.591
10	113	-.384	.176	.456	-1.031
10	114	-.168	.093	.105	-.699
10	115	.047	.127	.604	-.431
10	116	.200	.155	.892	-.329
10	117	.285	.178	.851	-.504
10	118	.309	.191	.837	-.584
10	119	.361	.228	1.071	-.598
10	120	.341	.217	1.070	-.358
10	121	.239	.198	1.171	-.435
10	122	.102	.158	.928	-.450
10	123	-.093	.183	.826	-.770
10	124	-.310	.142	.128	-1.209
10	125	-.300	.128	.059	-1.088
10	126	-.308	.110	.019	-.857
10	127	-.307	.112	-.004	-1.099
10	128	-.299	.106	-.046	-.964
10	129	-.131	.099	.276	-.573
10	130	-.002	.100	.454	-.328
10	131	.161	.155	.897	-.324
10	132	.173	.258	1.154	-1.084
10	133	.498	.221	1.359	-.202
10	134	.215	.152	.865	-.247
10	135	.423	.213	1.267	-.243
10	136	-.034	.187	.870	-.599
10	137	.107	.125	.580	-.402
10	138	.204	.116	.693	-.242
10	139	.336	.170	.985	-.149
10	140	.422	.202	1.099	-.685
10	141	.408	.255	1.314	-.934
10	142	.549	.218	1.207	-.376
10	143	.559	.248	1.491	-.472
10	144	.444	.233	1.267	-.252
10	145	.108	.194	.934	-.641
10	146	-.165	.159	.583	-.835
10	147	-.297	.173	.055	-1.647
10	148	-.284	.150	.106	-1.149
10	149	-.278	.144	.195	-1.323
10	150	-.266	.109	.035	-1.108
10	151	-.267	.124	.067	-1.113
10	152	-.174	.097	.166	-.695
10	153	-.092	.105	.359	-.532
10	154	.020	.100	.483	-.280
10	155	.010	.167	.725	-.524
10	156	.330	.192	1.046	-.228

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	157	.066	.134	.796	-.352
10	158	.212	.122	.803	-.096
10	159	.043	.116	.659	-.345
10	160	.128	.104	.685	-.238
10	161	.148	.108	.713	-.238
10	162	.189	.110	.555	-.268
10	163	.222	.169	.957	-.422
10	164	.208	.215	.983	-.913
10	165	.275	.211	1.007	-.720
10	166	.291	.172	1.004	-.254
10	167	.183	.180	.919	-.357
10	168	-.079	.151	.717	-.579
10	169	-.267	.158	.615	-.824
10	170	-.243	.114	.069	-1.024
10	171	-.243	.119	.101	-1.092
10	172	-.251	.135	.089	-1.060
10	173	-.258	.133	.117	-1.349
10	174	-.249	.115	.073	-1.093
10	175	-.179	.095	.324	-.809
10	176	-.130	.081	.483	-.633
10	177	-.066	.090	.556	-.360
10	178	-.107	.119	.561	-.665
10	179	.131	.149	.669	-.334
10	180	.001	.085	.403	-.275
10	181	.083	.098	.525	-.212
10	182	.003	.076	.313	-.295
10	183	.059	.080	.403	-.263
10	184	.053	.078	.355	-.241
10	185	.052	.107	.534	-.370
10	186	.045	.118	.522	-.548
10	187	.033	.148	.607	-.797
10	188	.012	.148	.592	-.631
10	189	.013	.138	.777	-.514
10	190	-.044	.106	.520	-.338
10	191	-.161	.116	.407	-.593
10	192	-.269	.123	.224	-.791
10	193	-.064	.133	.743	-.720
10	194	.108	.122	.864	-.199
10	195	.138	.128	1.078	-.198
10	196	.125	.124	1.069	-.193
10	197	-.008	.113	.407	-.643
10	198	-.237	.095	.080	-.829
10	199	-.222	.097	.196	-.762
10	200	-.236	.108	.042	-1.052
10	201	-.230	.098	.047	-.955
10	202	-.224	.086	.010	-.795
10	203	-.166	.075	.127	-.524
10	204	-.139	.072	.231	-.428
10	205	-.117	.086	.199	-.456
10	206	-.213	.127	.188	-.848

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	207	-.226	.145	.241	-1.101
10	208	-.129	.160	.318	-.965
10	209	-.041	.092	.414	-.377
10	210	-.049	.084	.450	-.358
10	211	-.053	.095	.510	-.400
10	212	-.115	.096	.207	-.602
10	213	-.100	.088	.256	-.564
10	214	-.101	.067	.178	-.456
10	215	-.138	.080	.182	-.510
10	216	-.183	.081	.125	-.524
10	217	-.186	.070	.040	-.682
10	218	-.151	.059	.077	-.437
10	219	-.095	.074	.241	-.415
10	220	-.073	.069	.265	-.420
10	221	-.055	.081	.431	-.399
10	222	-.059	.075	.380	-.367
10	223	-.193	.076	.008	-.586
10	224	-.203	.070	.013	-.498
10	225	-.210	.078	.045	-.607
10	226	-.211	.069	.013	-.584
10	227	-.198	.077	.025	-.626
10	228	-.174	.055	.008	-.369
10	229	-.159	.053	.057	-.382
10	230	-.131	.048	.056	-.370
10	231	-.101	.053	.110	-.358
10	232	-.102	.052	.125	-.277
10	233	-.097	.059	.098	-.336
10	234	-.090	.059	.121	-.290
10	235	-.074	.073	.194	-.441
10	236	-.091	.081	.197	-.544
10	237	-.057	.088	.534	-.334
10	238	-.042	.078	.455	-.283
10	239	-.042	.069	.217	-.303
10	240	-.104	.057	.081	-.372
10	241	-.134	.058	.098	-.317
10	242	-.102	.055	.123	-.322
10	243	-.087	.057	.101	-.320
10	244	-.096	.055	.091	-.304
10	245	-.096	.053	.100	-.286
10	246	-.095	.049	.102	-.269
10	247	-.179	.059	.035	-.432
10	248	-.155	.057	.038	-.428
10	249	-.165	.066	.012	-.714
10	250	-.180	.065	.025	-.689
10	251	-.186	.072	.012	-.709
10	252	-.148	.053	.004	-.387
10	253	-.133	.051	.076	-.343
10	254	-.118	.046	.051	-.285
10	255	-.134	.058	.081	-.447
10	256	-.101	.059	.181	-.330

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	257	-.102	.053	.081	-.295
10	258	-.094	.045	.051	-.231
10	259	-.110	.053	.069	-.278
10	260	-.114	.061	.075	-.591
10	261	-.107	.056	.093	-.346
10	262	-.104	.050	.048	-.292
10	263	-.112	.064	.164	-.420
10	264	-.124	.087	.284	-.737
10	265	-.070	.084	.431	-.297
10	266	-.048	.084	.521	-.256
10	267	-.048	.073	.404	-.256
10	268	-.089	.051	.122	-.266
10	269	-.099	.045	.064	-.260
10	270	-.136	.048	-.001	-.314
10	271	-.126	.068	.084	-.501
10	272	-.109	.051	.050	-.305
10	273	-.130	.053	.066	-.333
10	274	-.121	.047	.046	-.329
10	275	-.131	.064	.052	-.457
10	276	-.123	.061	.072	-.503
10	277	-.104	.050	.181	-.304
10	278	-.091	.042	.068	-.221
10	279	-.098	.047	.076	-.305
10	280	-.140	.061	.035	-.384
10	281	-.150	.064	.083	-.428
10	282	-.096	.047	.068	-.243
10	283	-.081	.053	.101	-.242
10	284	-.060	.055	.171	-.219
10	285	-.058	.055	.168	-.217
10	286	-.063	.051	.178	-.214
10	287	-.074	.050	.142	-.222
10	288	-.065	.049	.146	-.214
10	289	-.067	.051	.132	-.248
10	290	-.071	.047	.114	-.282
10	291	-.072	.059	.257	-.275
10	292	-.077	.056	.159	-.271
10	293	-.085	.053	.112	-.295
10	294	-.088	.048	.095	-.309
10	295	-.090	.053	.216	-.313
10	296	-.078	.057	.292	-.332
10	297	-.062	.066	.375	-.260
10	298	-.090	.045	.080	-.256
10	299	-.102	.049	.057	-.298
10	301	-1.065	.451	.343	-2.839
10	302	-.653	.254	.233	-2.333
10	303	-.340	.186	.203	-1.386
10	304	-.240	.114	.190	-1.021
10	305	-.292	.104	.071	-.796
10	306	-.349	.100	-.084	-1.067
10	307	-.418	.116	-.093	-1.707
10	308	-.397	.121	-.039	-1.045
10	309	-.398	.132	-.003	-1.039
10	310	-.311	.096	-.032	-.718
10	311	-.331	.103	-.007	-.753
10	312	-.320	.102	-.006	-.728
10	313	-.320	.108	.002	-.763
10	314	-.275	.094	.047	-.712
10	315	-.334	.106	.008	-.915
10	316	-.291	.100	.012	-.902
10	317	-.281	.103	.084	-.722
10	318	-.245	.094	.078	-.710
10	319	-.293	.098	.079	-.762
10	320	-.261	.091	.091	-.669
10	321	-.241	.083	.106	-.855
10	322	-.215	.086	.064	-.598
10	323	-.290	.112	.059	-.813
10	324	-.913	.349	.505	-2.231
10	325	-.913	.397	.523	-2.676
10	326	-.305	.236	.395	-1.247
10	327	-.265	.135	.334	-1.019
10	328	-.304	.110	.188	-.820
10	329	-.376	.098	-.085	-.892
10	330	-.336	.086	-.099	-.714
10	331	-.406	.109	-.062	-.966
10	332	-.394	.129	-.015	-1.010
10	333	-.359	.103	-.026	-.824
10	334	-.282	.081	-.053	-.598
10	335	-.330	.091	-.045	-.687
10	336	-.332	.097	-.030	-.741
10	337	-.342	.113	.123	-1.042
10	338	-.285	.089	-.006	-.744
10	339	-.326	.099	-.031	-.826
10	340	-.285	.090	-.035	-.697
10	341	-.284	.092	.006	-.657
10	342	-.220	.070	.017	-.581
10	343	-.264	.078	.004	-.609
10	344	-.247	.070	.031	-.580
10	345	-.252	.086	.097	-.726
10	346	-.226	.085	.085	-.672
10	347	-.675	.239	.274	-1.725
10	348	-.654	.248	.353	-1.736
10	349	-.500	.328	.641	-1.768
10	350	-.276	.183	.326	-1.107
10	351	-.371	.180	.241	-1.174
10	352	-.462	.172	.082	-1.448
10	353	-.458	.178	.143	-1.455
10	354	-.378	.152	.072	-1.128
10	355	-.414	.179	.183	-1.391
10	356	-.364	.140	.058	-.983
10	357	-.315	.102	-.013	-.722
10	358	-.239	.082	.017	-.537
10	359	-.339	.105	.026	-.762
10	360	-.299	.152	.311	-1.014
10	361	-.259	.124	.306	-.789
10	362	-.187	.084	.148	-.625
10	363	-.247	.086	.068	-.689
10	364	-.236	.082	.042	-.565
10	365	-.256	.092	.076	-.724
10	366	-.212	.078	.042	-.575
10	367	-.267	.081	.004	-.682
10	368	-.240	.090	.047	-1.054
10	369	-.248	.099	.037	-.783
10	370	-.447	.180	.190	-1.492
10	371	-.523	.222	.239	-1.732
10	372	-.350	.220	.236	-1.342
10	373	-.255	.147	.274	-1.185
10	374	-.281	.116	.068	-.974
10	375	-.362	.144	.013	-1.409
10	376	-.335	.127	.001	-.998
10	377	-.335	.140	.084	-1.154
10	378	-.303	.115	.055	-1.081
10	379	-.293	.112	.031	-1.002
10	380	-.251	.078	.022	-.605
10	381	-.208	.073	.084	-.549
10	382	-.244	.074	.015	-.692
10	383	-.220	.120	.511	-.847
10	384	-.200	.080	.210	-.547
10	385	-.190	.073	.213	-.541
10	386	-.205	.069	.039	-.503
10	387	-.224	.069	.043	-.575
10	388	-.240	.081	.027	-.656
10	389	-.250	.085	.047	-.763
10	390	-.231	.066	.029	-.592
10	391	-.222	.073	.028	-.631
10	392	-.217	.079	.042	-.631
10	393	-.224	.074	.031	-.854
10	394	-.214	.062	.032	-.495
10	395	-.193	.067	.114	-.491
10	396	-.201	.066	.045	-.503
10	397	-.178	.097	.342	-.680
10	398	-.291	.127	.101	-1.109
10	399	-.285	.143	.145	-1.012
10	400	-.178	.108	.221	-.766
10	401	-.180	.076	.067	-.556
10	402	-.212	.069	.063	-.500
10	403	-.305	.118	.048	-1.035
10	404	-.282	.113	.012	-.894
10	405	-.255	.094	.004	-.809
10	406	-.224	.067	-.036	-.666
10	407	-.214	.073	.061	-.939

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	408	-.163	.055	.103	-.567
10	409	-.161	.056	.062	-.592
10	410	-.177	.050	.012	-.370
10	411	-.196	.058	.031	-.448
10	412	-.213	.067	.017	-.595
10	413	-.207	.064	.034	-.564
10	414	-.192	.047	-.019	-.360
10	415	-.204	.064	.053	-.527
10	416	-.200	.068	.062	-.524
10	417	-.227	.084	.067	-.751
10	418	-.223	.077	.035	-.638
10	419	-.179	.055	.018	-.425
10	420	-.148	.045	.024	-.325
10	421	-.159	.050	.049	-.369
10	422	-.174	.047	.002	-.388
10	423	-.193	.076	.102	-.786
10	424	-.179	.071	.083	-.503
10	425	-.155	.064	.077	-.536
10	426	-.152	.048	.035	-.413
10	427	-.166	.054	.036	-.443
10	428	-.174	.059	-.009	-.496
10	429	-.175	.059	.034	-.529
10	430	-.164	.046	-.016	-.375
10	431	-.165	.052	.003	-.399
10	432	-.155	.050	.009	-.399
10	433	-.152	.045	.034	-.317
10	434	-.148	.039	.020	-.286
10	435	-.160	.044	.025	-.305
10	436	-.154	.043	.029	-.289
10	437	-.169	.053	-.017	-.423
10	438	-.171	.047	-.024	-.334
10	439	-.181	.054	-.015	-.478
10	440	-.192	.059	-.006	-.514
10	441	-.193	.065	.026	-.468
10	442	-.145	.042	.025	-.291
10	443	-.130	.045	.046	-.275
10	444	-.115	.044	.052	-.251
10	445	-.123	.045	.052	-.279
10	446	-.145	.042	.007	-.271
10	447	-.188	.058	.017	-.502
10	448	-.150	.056	.078	-.404
10	449	-.142	.058	.046	-.409
10	450	-.152	.047	-.000	-.345
10	451	-.172	.053	.012	-.386
10	452	-.138	.052	.045	-.484
10	453	-.145	.051	.046	-.337
10	454	-.158	.044	.015	-.307
10	455	-.170	.049	.030	-.309
10	456	-.131	.047	.065	-.276
10	457	-.128	.046	.036	-.275
10	458	-.139	.041	-.006	-.273
10	459	-.161	.048	.004	-.322
10	460	-.121	.047	.037	-.284
10	461	-.133	.047	.039	-.304
10	462	-.151	.041	-.011	-.289
10	463	-.167	.048	-.027	-.343
10	464	-.128	.047	.010	-.294
10	465	-.144	.052	.019	-.369
10	466	-.167	.046	-.018	-.365
10	467	-.205	.060	-.019	-.471
10	468	-.188	.068	.025	-.512
10	469	-.184	.068	.022	-.598
10	470	-.175	.070	.007	-.572
10	471	-.218	.076	-.016	-.571
10	472	-.184	.076	.007	-.562
10	473	-.131	.055	.046	-.362
10	474	-.148	.049	.005	-.373
10	475	-.212	.083	.025	-.756
10	476	-.187	.090	.045	-.880
10	477	-.129	.049	.059	-.302
10	478	-.150	.045	.030	-.307
10	479	-.155	.050	.017	-.332
10	480	-.103	.046	.068	-.306
10	481	-.113	.049	.061	-.309
10	482	-.137	.046	.015	-.322
10	483	-.148	.052	.025	-.350
10	484	-.105	.046	.080	-.268
10	485	-.114	.044	.036	-.275
10	486	-.143	.040	-.011	-.309
10	487	-.150	.046	-.014	-.343
10	488	-.096	.043	.050	-.258
10	489	-.108	.047	.041	-.262
10	490	-.120	.046	.058	-.289
10	491	-.150	.054	.032	-.391
10	492	-.108	.051	.052	-.296
10	493	-.109	.047	.076	-.299
10	494	-.129	.043	.030	-.289
10	495	-.146	.051	.048	-.399
10	496	-.106	.048	.062	-.316
10	497	-.121	.053	.049	-.461
10	498	-.181	.070	.012	-.628
10	499	-.221	.100	.045	-.987
10	801	-.095	.054	.088	-.286
10	802	-.086	.053	.087	-.303
10	803	-.099	.054	.129	-.368
10	804	-.091	.047	.097	-.241
10	805	-.165	.045	-.024	-.337
10	806	-.123	.043	.015	-.274
10	807	-.126	.045	.054	-.272
10	808	-.126	.039	.022	-.258
10	901	-.720	.180	-.058	-1.354
10	902	-.548	.169	-.016	-1.397
10	903	-.790	.160	-.281	-1.595
10	904	-.564	.257	.202	-1.614
10	905	-.541	.149	-.073	-1.424
10	906	-.490	.179	.099	-1.397
10	907	-.451	.173	.081	-1.120
10	908	-.526	.158	-.011	-1.157
10	909	-.671	.173	-.136	-1.460
10	910	-.490	.176	.101	-1.230
10	911	-.348	.135	.132	-.883
10	912	.046	.115	.944	-.317
10	913	.090	.120	1.017	-.313
10	914	.073	.124	.619	-.329
10	915	.118	.105	.614	-.194
10	916	-.230	.096	.161	-.606
10	917	-.123	.128	.412	-.594
10	918	-.183	.091	.189	-.598
10	919	-.276	.116	.257	-.753
10	920	-.052	.121	.403	-.503
10	921	-.271	.150	.183	-.979
10	922	-.256	.090	.011	-.652
10	923	-.225	.131	.375	-.931
10	924	-.229	.140	.351	-.836
10	925	-.413	.156	.015	-1.184
10	926	-.658	.189	-.030	-1.517
10	927	-.293	.103	.038	-.905
10	928	-.219	.096	.195	-.725
10	929	-.249	.108	.069	-1.516
10	930	-.222	.064	.048	-.518
20	1	.004	.081	.402	-.203
20	2	-.121	.051	.022	-.337
20	3	-.180	.079	.201	-.490
20	4	-.175	.079	.065	-.571
20	101	-.280	.162	.204	-1.246
20	102	-.287	.148	.103	-1.304
20	103	-.371	.190	.186	-1.447
20	104	-.428	.189	.035	-1.793
20	105	-.420	.167	.172	-1.468
20	106	-.125	.123	.421	-.636
20	107	.010	.160	.722	-.546
20	108	.109	.176	.911	-.441
20	109	.201	.257	1.115	-1.212
20	110	.272	.206	.967	-.829
20	111	.031	.165	.832	-.759
20	112	-.059	.156	.596	-.644
20	113	-.281	.219	.609	-1.173
20	114	-.193	.117	.191	-.689
20	115	.117	.153	.628	-.445
20	116	.278	.191	.929	-.437

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	117	.369	.238	1.170	-.457
20	118	.406	.232	1.084	-.539
20	119	.200	.273	1.003	-1.118
20	120	.190	.215	.853	-.728
20	121	.099	.190	.824	-.725
20	122	-.014	.149	.826	-.525
20	123	-.167	.156	.720	-.825
20	124	-.289	.176	.169	-1.289
20	125	-.294	.168	.277	-1.148
20	126	-.362	.171	.218	-1.161
20	127	-.369	.171	.072	-1.310
20	128	-.362	.164	.049	-1.227
20	129	-.140	.130	.351	-.953
20	130	.004	.125	.430	-.592
20	131	.198	.181	.800	-.365
20	132	.250	.276	1.232	-1.238
20	133	.452	.256	1.494	-.505
20	134	.329	.198	1.013	-.399
20	135	.441	.248	1.530	-.305
20	136	.133	.205	1.102	-.640
20	137	.147	.160	.657	-.468
20	138	.276	.162	.792	-.284
20	139	.411	.223	1.090	-.273
20	140	.458	.253	1.315	-.605
20	141	.459	.265	1.300	-.715
20	142	.328	.261	1.186	-1.334
20	143	.359	.242	1.205	-.912
20	144	.259	.208	.973	-.383
20	145	-.011	.171	.804	-.596
20	146	-.238	.139	.451	-.943
20	147	-.309	.206	.136	-1.898
20	148	-.298	.175	.120	-1.204
20	149	-.321	.186	.174	-1.681
20	150	-.325	.152	.025	-1.322
20	151	-.315	.165	.074	-1.379
20	152	-.171	.116	.224	-.799
20	153	-.073	.112	.401	-.537
20	154	.052	.116	.557	-.279
20	155	.064	.188	.971	-.624
20	156	.275	.211	1.474	-.402
20	157	.264	.163	.888	-.212
20	158	.279	.167	1.015	-.095
20	159	.151	.141	.710	-.276
20	160	.185	.145	.763	-.240
20	161	.213	.167	.897	-.315
20	162	.240	.180	.944	-.198
20	163	.234	.214	1.282	-.388
20	164	.204	.214	1.301	-.568
20	165	.055	.238	1.112	-.995
20	166	.109	.175	.886	-.590

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	167	.073	.149	.960	-.321
20	168	-.120	.146	.571	-.598
20	169	-.265	.144	.367	-.830
20	170	-.248	.145	.067	-1.435
20	171	-.237	.144	.182	-1.136
20	172	-.267	.159	.176	-1.377
20	173	-.302	.164	.049	-1.423
20	174	-.296	.144	-.023	-1.186
20	175	-.183	.111	.196	-.733
20	176	-.105	.096	.310	-.481
20	177	-.020	.108	.616	-.400
20	178	-.036	.140	.647	-.710
20	179	.119	.158	1.043	-.386
20	180	.090	.117	.638	-.265
20	181	.148	.127	.907	-.182
20	182	.075	.095	.529	-.247
20	183	.086	.107	.595	-.233
20	184	.087	.112	.595	-.282
20	185	.097	.140	.792	-.316
20	186	.073	.135	.909	-.268
20	187	.042	.159	1.031	-.379
20	188	-.081	.183	.728	-.878
20	189	-.040	.146	.691	-.706
20	190	-.057	.086	.409	-.379
20	191	-.174	.100	.280	-.557
20	192	-.262	.110	.167	-.773
20	193	-.044	.123	.665	-.668
20	194	.217	.158	1.303	-.172
20	195	.222	.164	1.317	-.170
20	196	.227	.162	1.153	-.172
20	197	-.002	.122	.667	-.591
20	198	-.192	.099	.104	-.847
20	199	-.187	.099	.128	-.642
20	200	-.211	.107	.046	-.828
20	201	-.244	.118	.079	-1.254
20	202	-.238	.105	-.016	-1.330
20	203	-.169	.082	.165	-.703
20	204	-.127	.078	.258	-.467
20	205	-.094	.095	.336	-.605
20	206	-.191	.143	.362	-1.130
20	207	-.210	.151	.653	-.998
20	208	-.137	.206	.597	-1.068
20	209	-.003	.101	.667	-.346
20	210	-.006	.090	.593	-.292
20	211	-.020	.099	.592	-.377
20	212	-.098	.103	.336	-.674
20	213	-.065	.099	.364	-.492
20	214	-.084	.061	.133	-.372
20	215	-.153	.068	.088	-.466
20	216	-.190	.070	.037	-.500

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	217	-.161	.071	.082	-.631
20	218	-.124	.060	.135	-.431
20	219	-.074	.076	.252	-.475
20	220	-.033	.073	.415	-.417
20	221	-.027	.086	.498	-.306
20	222	-.031	.080	.484	-.327
20	223	-.143	.078	.118	-.818
20	224	-.146	.070	.072	-.659
20	225	-.163	.079	.084	-.871
20	226	-.174	.074	.043	-.814
20	227	-.168	.082	.062	-.820
20	228	-.137	.055	.034	-.386
20	229	-.121	.054	.105	-.396
20	230	-.091	.047	.095	-.311
20	231	-.068	.053	.158	-.252
20	232	-.065	.049	.129	-.267
20	233	-.066	.054	.117	-.457
20	234	-.059	.054	.128	-.294
20	235	-.046	.070	.287	-.355
20	236	-.053	.074	.312	-.453
20	237	-.025	.093	.456	-.339
20	238	-.018	.077	.373	-.285
20	239	-.045	.061	.158	-.332
20	240	-.107	.051	.065	-.293
20	241	-.124	.052	.047	-.346
20	242	-.065	.051	.161	-.247
20	243	-.057	.051	.123	-.241
20	244	-.060	.050	.101	-.232
20	245	-.066	.051	.112	-.226
20	246	-.064	.047	.104	-.217
20	247	-.182	.056	-.002	-.464
20	248	-.118	.059	.091	-.481
20	249	-.110	.055	.084	-.427
20	250	-.142	.059	.018	-.553
20	251	-.195	.068	.000	-.604
20	252	-.104	.050	.057	-.344
20	253	-.092	.052	.124	-.322
20	254	-.091	.049	.106	-.290
20	255	-.150	.062	.077	-.715
20	256	-.072	.063	.202	-.399
20	257	-.067	.054	.110	-.278
20	258	-.070	.047	.077	-.228
20	259	-.126	.056	.045	-.334
20	260	-.079	.062	.098	-.460
20	261	-.080	.058	.168	-.418
20	262	-.087	.051	.129	-.342
20	263	-.139	.064	.086	-.533
20	264	-.091	.073	.131	-.553
20	265	-.055	.082	.559	-.350
20	266	-.051	.081	.421	-.332

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	267	-.100	.072	.212	-.307
20	268	-.086	.046	.091	-.233
20	269	-.101	.048	.054	-.275
20	270	-.121	.046	.030	-.299
20	271	-.178	.067	.064	-.579
20	272	-.106	.050	.060	-.337
20	273	-.094	.048	.066	-.303
20	274	-.106	.045	.035	-.285
20	275	-.181	.065	.020	-.486
20	276	-.117	.062	.057	-.446
20	277	-.084	.045	.087	-.250
20	278	-.084	.040	.075	-.228
20	279	-.125	.048	.113	-.307
20	280	-.104	.058	.091	-.373
20	281	-.109	.061	.168	-.439
20	282	-.076	.046	.302	-.228
20	283	-.104	.053	.285	-.280
20	284	-.035	.052	.197	-.188
20	285	-.023	.059	.355	-.224
20	286	-.040	.055	.317	-.261
20	287	-.088	.056	.261	-.267
20	288	-.029	.053	.244	-.203
20	289	-.033	.054	.239	-.224
20	290	-.049	.052	.158	-.228
20	291	-.087	.066	.234	-.290
20	292	-.041	.060	.268	-.238
20	293	-.053	.056	.185	-.229
20	294	-.071	.050	.198	-.276
20	295	-.135	.059	.140	-.353
20	296	-.073	.057	.225	-.269
20	297	-.057	.053	.157	-.245
20	298	-.088	.043	.070	-.221
20	299	-.138	.050	.025	-.312
20	301	-.759	.286	-.185	-2.130
20	302	-.639	.213	-.130	-1.536
20	303	-.475	.220	.080	-1.523
20	304	-.329	.177	.065	-1.301
20	305	-.359	.175	.138	-1.900
20	306	-.371	.164	.075	-1.699
20	307	-.411	.162	.049	-1.659
20	308	-.359	.132	.056	-1.076
20	309	-.340	.122	-.027	-1.095
20	310	-.259	.087	-.015	-.703
20	311	-.293	.090	.004	-.694
20	312	-.313	.094	-.031	-.725
20	313	-.315	.104	.006	-.888
20	314	-.262	.092	.049	-.701
20	315	-.313	.100	.035	-.765
20	316	-.268	.090	.030	-.613
20	317	-.253	.089	.109	-.649
20	318	-.219	.082	.079	-.735
20	319	-.263	.097	.089	-.959
20	320	-.232	.098	.085	-1.232
20	321	-.222	.109	.167	-.877
20	322	-.206	.108	.163	-.788
20	323	-.278	.135	.154	-.922
20	324	-.638	.198	-.088	-1.443
20	325	-.665	.215	-.018	-1.633
20	326	-.472	.198	.171	-1.160
20	327	-.352	.162	.129	-1.264
20	328	-.339	.141	.034	-1.038
20	329	-.388	.139	.004	-1.134
20	330	-.335	.120	-.043	-.897
20	331	-.378	.122	-.018	-.971
20	332	-.339	.111	-.037	-.782
20	333	-.331	.106	-.038	-.899
20	334	-.261	.078	.000	-.643
20	335	-.314	.085	-.025	-.682
20	336	-.309	.090	-.015	-.791
20	337	-.283	.097	.136	-.723
20	338	-.234	.082	-.008	-.590
20	339	-.275	.091	.064	-.682
20	340	-.241	.088	.096	-.678
20	341	-.247	.093	.063	-.732
20	342	-.191	.078	.051	-.637
20	343	-.243	.091	.049	-.727
20	344	-.217	.088	.065	-.651
20	345	-.238	.112	.197	-.833
20	346	-.216	.107	.150	-.743
20	347	-.585	.205	-.007	-1.905
20	348	-.565	.219	.185	-1.841
20	349	-.431	.263	.191	-1.835
20	350	-.242	.162	.199	-.991
20	351	-.330	.170	.143	-1.380
20	352	-.406	.150	-.008	-1.183
20	353	-.381	.148	-.025	-1.464
20	354	-.304	.115	-.034	-.872
20	355	-.347	.131	.022	-1.127
20	356	-.302	.110	.023	-.954
20	357	-.279	.090	.004	-.721
20	358	-.223	.073	.019	-.502
20	359	-.305	.093	.017	-.707
20	360	-.279	.121	.361	-.791
20	361	-.258	.108	.230	-.776
20	362	-.186	.085	.182	-.596
20	363	-.233	.095	.089	-.658
20	364	-.216	.095	.065	-.613
20	365	-.213	.097	.092	-.723
20	366	-.169	.081	.073	-.611
20	367	-.225	.082	.015	-.850
20	368	-.224	.108	.094	-.894
20	369	-.242	.132	.098	-.939
20	370	-.357	.144	-.008	-1.196
20	371	-.430	.178	.073	-1.465
20	372	-.341	.183	.174	-1.352
20	373	-.255	.115	.260	-.963
20	374	-.277	.096	.038	-.964
20	375	-.362	.137	-.005	-1.405
20	376	-.333	.126	.006	-1.219
20	377	-.322	.127	.017	-1.015
20	378	-.301	.099	-.037	-.853
20	379	-.302	.104	-.054	-.800
20	380	-.255	.080	-.019	-.603
20	381	-.225	.075	-.014	-.575
20	382	-.253	.075	-.050	-.623
20	383	-.249	.113	.329	-.745
20	384	-.214	.087	.066	-.588
20	385	-.196	.084	.129	-.554
20	386	-.194	.071	.043	-.453
20	387	-.204	.081	.072	-.512
20	388	-.196	.083	.071	-.696
20	389	-.188	.079	.101	-.682
20	390	-.184	.064	.046	-.528
20	391	-.204	.090	.119	-.812
20	392	-.203	.098	.079	-.792
20	393	-.224	.071	-.004	-.552
20	394	-.228	.064	.082	-.463
20	395	-.217	.069	.176	-.474
20	396	-.222	.071	.177	-.536
20	397	-.222	.097	.239	-.710
20	398	-.258	.088	-.034	-.721
20	399	-.267	.102	-.010	-.885
20	400	-.227	.091	.048	-.704
20	401	-.205	.081	.080	-.700
20	402	-.214	.071	.056	-.512
20	403	-.253	.096	.072	-1.185
20	404	-.224	.086	.038	-.784
20	405	-.207	.076	.040	-.628
20	406	-.208	.064	-.001	-.484
20	407	-.221	.077	.093	-.732
20	408	-.167	.066	.280	-.417
20	409	-.155	.067	.150	-.531
20	410	-.158	.056	.054	-.414
20	411	-.169	.064	.059	-.455
20	412	-.157	.060	.030	-.585
20	413	-.158	.068	.060	-.613
20	414	-.157	.058	.025	-.478
20	415	-.175	.077	.078	-.618
20	416	-.167	.078	.079	-.552
20	417	-.177	.063	.045	-.472

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	418	-.175	.055	.023	-.391
20	419	-.172	.059	.075	-.386
20	420	-.141	.054	.089	-.337
20	421	-.135	.055	.070	-.331
20	422	-.143	.050	.046	-.357
20	423	-.177	.061	.036	-.502
20	424	-.163	.057	.030	-.477
20	425	-.162	.051	.045	-.401
20	426	-.165	.050	.035	-.406
20	427	-.173	.060	.065	-.455
20	428	-.146	.052	.045	-.361
20	429	-.151	.058	.055	-.416
20	430	-.149	.050	.025	-.349
20	431	-.162	.059	.031	-.417
20	432	-.150	.058	.045	-.466
20	433	-.135	.049	.060	-.347
20	434	-.130	.041	.017	-.282
20	435	-.138	.047	.047	-.321
20	436	-.125	.045	.050	-.358
20	437	-.133	.049	.024	-.385
20	438	-.136	.044	.010	-.305
20	439	-.149	.055	.041	-.424
20	440	-.147	.060	.035	-.539
20	441	-.151	.067	.068	-.600
20	442	-.135	.046	.064	-.300
20	443	-.119	.049	.057	-.287
20	444	-.102	.047	.066	-.265
20	445	-.108	.045	.070	-.296
20	446	-.130	.042	.048	-.285
20	447	-.137	.050	.005	-.474
20	448	-.137	.052	.053	-.348
20	449	-.132	.046	.050	-.337
20	450	-.143	.045	.002	-.311
20	451	-.151	.053	.041	-.354
20	452	-.129	.048	.092	-.306
20	453	-.124	.050	.097	-.308
20	454	-.118	.043	.058	-.298
20	455	-.117	.048	.099	-.292
20	456	-.116	.044	.081	-.301
20	457	-.104	.045	.056	-.252
20	458	-.098	.041	.053	-.235
20	459	-.107	.045	.077	-.256
20	460	-.107	.046	.054	-.258
20	461	-.109	.045	.059	-.303
20	462	-.109	.038	.056	-.230
20	463	-.114	.044	.068	-.287
20	464	-.109	.043	.056	-.304
20	465	-.111	.045	.048	-.346
20	466	-.112	.040	.017	-.300
20	467	-.125	.050	.025	-.388

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	468	-.132	.056	.036	-.444
20	469	-.138	.065	.043	-.607
20	470	-.105	.043	.072	-.354
20	471	-.146	.067	.046	-.536
20	472	-.144	.067	.047	-.509
20	473	-.101	.046	.077	-.276
20	474	-.102	.042	.056	-.248
20	475	-.144	.067	.050	-.521
20	476	-.146	.072	.042	-.500
20	477	-.101	.047	.065	-.283
20	478	-.104	.043	.033	-.266
20	479	-.114	.047	.043	-.415
20	480	-.116	.050	.045	-.403
20	481	-.117	.054	.123	-.350
20	482	-.088	.045	.186	-.262
20	483	-.086	.050	.158	-.247
20	484	-.078	.047	.128	-.224
20	485	-.089	.047	.092	-.274
20	486	-.098	.042	.067	-.253
20	487	-.100	.047	.084	-.283
20	488	-.088	.046	.088	-.270
20	489	-.086	.046	.090	-.256
20	490	-.090	.043	.058	-.266
20	491	-.111	.048	.048	-.307
20	492	-.100	.045	.051	-.240
20	493	-.096	.044	.050	-.254
20	494	-.096	.039	.047	-.242
20	495	-.100	.043	.046	-.350
20	496	-.091	.042	.045	-.308
20	497	-.099	.048	.063	-.326
20	498	-.135	.062	.024	-.512
20	499	-.156	.078	.032	-.725
20	801	-.114	.053	.143	-.326
20	802	-.051	.049	.136	-.210
20	803	-.063	.053	.110	-.243
20	804	-.063	.047	.103	-.264
20	805	-.114	.044	.025	-.260
20	806	-.109	.043	.026	-.267
20	807	-.109	.045	.034	-.292
20	808	-.085	.046	.053	-.212
20	901	-.894	.180	-.154	-1.368
20	902	-.444	.141	-.033	-1.074
20	903	-.665	.165	-.077	-1.515
20	904	-.621	.260	.306	-1.765
20	905	-.435	.135	.059	-1.072
20	906	-.448	.166	.190	-1.125
20	907	-.373	.146	.069	-.987
20	908	-.430	.152	.126	-1.231
20	909	-.576	.161	.045	-1.242
20	910	-.535	.182	.030	-1.554

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	911	-.304	.142	.157	-.954
20	912	-.088	.148	.961	-.270
20	913	-.171	.145	.984	-.170
20	914	-.180	.167	.196	-.231
20	915	-.180	.143	.034	-.150
20	916	-.206	.155	.119	-.262
20	917	-.206	.143	.521	-.549
20	918	-.230	.115	.215	-.737
20	919	-.236	.142	.057	-.207
20	920	-.187	.126	.488	-.408
20	921	-.182	.124	.297	-.689
20	922	-.132	.103	.077	-.187
20	923	-.130	.115	.155	-.337
20	924	-.224	.157	.370	-.117
20	925	-.447	.140	.140	-.137
20	926	-.570	.166	.066	-.259
20	927	-.522	.166	.061	-.907
20	928	-.211	.119	.119	-.656
20	929	-.208	.087	.027	-.679
20	930	-.104	.065	.065	-.413
20	931	-.188	.067	.067	-.260
20	932	-.230	.096	.096	-.552
20	933	-.233	.117	.117	-.682
20	934	-.191	.122	.222	-.898
20	935	-.191	.122	.257	-.947
20	936	-.249	.193	.419	-.345
20	937	-.355	.239	.390	-.142
20	938	-.389	.226	.789	-.991
20	939	-.330	.167	.707	-.789
20	940	-.026	.197	.872	-.668
20	941	-.026	.216	.969	-.582
20	942	-.013	.206	.015	-.558
20	943	-.017	.202	.121	-.649
20	944	-.026	.202	.663	-.704
20	945	-.066	.183	.768	-.695
20	946	-.026	.223	.876	-.144
20	947	-.188	.144	.576	-.875
20	948	-.047	.197	.746	-.663
20	949	-.188	.241	.062	-.575
20	950	-.188	.227	.067	-.594
20	951	-.230	.206	.069	-.798
20	952	-.230	.206	.858	-.395
20	953	-.188	.155	.691	-.749
20	954	-.188	.110	.469	-.593
20	955	-.188	.117	.300	-.619
20	956	-.188	.225	.219	-.734
20	957	-.188	.221	.221	-.582

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	127	-.316	.208	.311	-1.431
30	128	-.321	.197	.308	-1.519
30	129	-.151	.158	.496	-.837
30	130	-.054	.133	.587	-.497
30	131	.068	.176	.827	-.567
30	132	.045	.283	1.318	-1.388
30	133	.269	.281	1.163	-.761
30	134	.161	.220	.926	-.468
30	135	.271	.279	1.283	-.484
30	136	.009	.205	.922	-.829
30	137	.070	.175	.733	-.501
30	138	.174	.186	.779	-.475
30	139	.319	.274	1.186	-.376
30	140	.398	.314	1.313	-.629
30	141	.395	.337	1.387	-.649
30	142	.259	.287	1.130	-1.058
30	143	.285	.279	1.170	-1.121
30	144	.176	.203	.849	-.507
30	145	-.042	.126	.536	-.519
30	146	-.202	.094	.178	-.601
30	147	-.206	.155	.295	-1.139
30	148	-.201	.139	.197	-.958
30	149	-.240	.163	.137	-1.267
30	150	-.262	.130	.022	-1.074
30	151	-.257	.140	.066	-1.166
30	152	-.163	.103	.184	-.643
30	153	-.093	.090	.332	-.490
30	154	-.010	.088	.418	-.308
30	155	-.063	.176	.728	-1.235
30	156	.239	.211	1.139	-.346
30	157	.111	.155	.897	-.371
30	158	.187	.151	.791	-.190
30	159	.079	.142	.809	-.537
30	160	.124	.142	.722	-.317
30	161	.167	.164	.825	-.250
30	162	.235	.197	1.028	-.210
30	163	.273	.261	1.271	-.486
30	164	.259	.271	1.327	-.656
30	165	.107	.279	1.329	-1.162
30	166	.142	.210	1.118	-.891
30	167	.067	.164	.861	-.394
30	168	-.129	.116	.360	-.582
30	169	-.259	.118	.200	-.765
30	170	-.198	.123	.253	-1.449
30	171	-.191	.123	.246	-1.309
30	172	-.223	.142	.301	-1.207
30	173	-.229	.133	.088	-1.809
30	174	-.197	.110	.033	-1.514
30	175	-.131	.094	.190	-.775
30	176	-.092	.079	.297	-.605

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	177	-.028	.090	.423	-.459
30	178	-.076	.141	.402	-.761
30	179	.147	.152	.826	-.377
30	180	.069	.111	.690	-.300
30	181	.129	.123	.876	-.293
30	182	.078	.091	.540	-.254
30	183	.097	.100	.582	-.229
30	184	.096	.106	.638	-.252
30	185	.135	.148	.836	-.309
30	186	.167	.155	.894	-.366
30	187	.146	.190	1.026	-.506
30	188	.050	.224	1.003	-.806
30	189	.083	.185	1.065	-.795
30	190	.028	.114	.620	-.414
30	191	-.129	.102	.317	-.589
30	192	-.233	.108	.120	-.700
30	193	.044	.139	.759	-.424
30	194	.141	.110	.751	-.196
30	195	.157	.123	.789	-.165
30	196	.121	.118	.712	-.205
30	197	.087	.106	.567	-.379
30	198	-.148	.101	.102	-1.061
30	199	-.153	.105	.151	-.886
30	200	-.193	.119	.146	-1.005
30	201	-.212	.112	.177	-1.064
30	202	-.184	.095	.090	-.839
30	203	-.120	.084	.172	-.621
30	204	-.084	.081	.245	-.430
30	205	-.025	.084	.479	-.501
30	206	-.027	.102	.462	-.550
30	207	.001	.148	.630	-.656
30	208	.070	.111	.536	-.870
30	209	.104	.113	.754	-.300
30	210	.136	.117	.737	-.231
30	211	.118	.149	.946	-.533
30	212	.019	.180	.799	-.783
30	213	.050	.151	.846	-.589
30	214	-.009	.088	.586	-.304
30	215	-.139	.075	.245	-.529
30	216	-.200	.075	.051	-.667
30	217	-.138	.073	.287	-.545
30	218	-.070	.060	.297	-.357
30	219	-.004	.070	.363	-.262
30	220	.047	.078	.423	-.233
30	221	.108	.120	.934	-.260
30	222	.123	.114	.855	-.199
30	223	-.123	.086	.153	-.628
30	224	-.135	.083	.136	-.480
30	225	-.171	.105	.128	-.984
30	226	-.160	.083	.049	-1.009

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	227	-.166	.091	.086	-1.243
30	228	-.129	.063	.103	-.496
30	229	-.095	.061	.128	-.372
30	230	-.034	.050	.148	-.231
30	231	-.022	.056	.211	-.236
30	232	-.049	.052	.122	-.243
30	233	-.026	.056	.271	-.199
30	234	.021	.055	.263	-.173
30	235	.043	.078	.459	-.289
30	236	.034	.084	.364	-.390
30	237	.046	.119	.642	-.433
30	238	.067	.093	.549	-.258
30	239	-.010	.077	.395	-.331
30	240	-.123	.056	.124	-.397
30	241	-.151	.061	.039	-.491
30	242	.001	.073	.380	-.265
30	243	-.037	.053	.142	-.298
30	244	-.044	.051	.129	-.262
30	245	-.058	.050	.130	-.272
30	246	-.031	.043	.116	-.201
30	247	-.168	.060	.067	-.402
30	248	-.100	.064	.112	-.432
30	249	-.117	.076	.129	-.658
30	250	-.153	.072	.023	-.613
30	251	-.204	.081	.020	-.613
30	252	-.104	.057	.057	-.323
30	253	-.085	.053	.084	-.292
30	254	-.073	.047	.089	-.251
30	255	-.143	.068	.094	-.456
30	256	-.017	.063	.287	-.262
30	257	-.038	.051	.161	-.264
30	258	-.031	.044	.174	-.192
30	259	-.101	.052	.111	-.321
30	260	-.048	.058	.131	-.377
30	261	-.047	.051	.112	-.278
30	262	-.055	.047	.136	-.247
30	263	-.091	.061	.175	-.346
30	264	-.037	.067	.282	-.370
30	265	.010	.091	.715	-.294
30	266	.007	.082	.552	-.237
30	267	-.086	.068	.199	-.314
30	268	-.099	.049	.088	-.304
30	269	-.117	.051	.028	-.341
30	270	-.106	.045	.056	-.315
30	271	-.192	.088	.148	-.552
30	272	-.128	.056	.060	-.351
30	273	-.075	.048	.080	-.231
30	274	-.086	.045	.070	-.232
30	275	-.234	.072	-.017	-.631
30	276	-.173	.072	.029	-.557

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	277	-.068	.047	.187	-.247
30	278	-.062	.043	.155	-.197
30	279	-.101	.054	.187	-.292
30	280	-.090	.066	.119	-.462
30	281	-.096	.066	.096	-.532
30	282	-.060	.047	.200	-.301
30	283	-.088	.052	.170	-.304
30	284	-.021	.048	.192	-.193
30	285	-.021	.055	.210	-.247
30	286	-.015	.052	.387	-.159
30	287	-.067	.052	.175	-.225
30	288	-.010	.048	.209	-.155
30	289	-.020	.048	.208	-.219
30	290	-.035	.043	.129	-.209
30	291	-.079	.051	.131	-.299
30	292	-.027	.049	.192	-.236
30	293	-.029	.057	.257	-.217
30	294	-.039	.055	.264	-.214
30	295	-.077	.075	.356	-.316
30	296	-.017	.073	.372	-.233
30	297	-.031	.064	.241	-.233
30	298	-.102	.048	.103	-.292
30	299	-.166	.057	.032	-.432
30	301	-.467	.166	-.022	-1.533
30	302	-.473	.155	-.051	-1.277
30	303	-.472	.200	.033	-1.621
30	304	-.394	.206	.114	-1.584
30	305	-.377	.186	.158	-1.126
30	306	-.327	.130	.029	-.873
30	307	-.313	.133	.051	-.867
30	308	-.270	.118	.067	-.694
30	309	-.278	.132	.057	-1.090
30	310	-.242	.093	.000	-.652
30	311	-.221	.091	.055	-.572
30	312	-.237	.101	.079	-.743
30	313	-.224	.097	.083	-.707
30	314	-.219	.083	.036	-.552
30	315	-.219	.088	.091	-.670
30	316	-.184	.081	.121	-.703
30	317	-.177	.089	.145	-.619
30	318	-.184	.083	.100	-.643
30	319	-.186	.101	.175	-.839
30	320	-.169	.101	.154	-.985
30	321	-.176	.101	.202	-.877
30	322	-.191	.093	.162	-.654
30	323	-.205	.109	.200	-.805
30	324	-.453	.153	.005	-1.141
30	325	-.461	.179	-.031	-1.403
30	326	-.465	.176	.002	-1.339
30	327	-.465	.181	.091	-1.161
30	328	-.392	.194	.087	-1.352
30	329	-.339	.146	.037	-1.046
30	330	-.321	.123	.002	-.844
30	331	-.303	.124	.013	-.830
30	332	-.281	.125	.032	-.956
30	333	-.248	.100	.028	-.663
30	334	-.224	.079	-.011	-.572
30	335	-.225	.084	.031	-.556
30	336	-.223	.089	.056	-.631
30	337	-.227	.102	.182	-.890
30	338	-.217	.086	.104	-.658
30	339	-.201	.089	.113	-.616
30	340	-.174	.084	.127	-.542
30	341	-.179	.086	.187	-.606
30	342	-.174	.083	.151	-.658
30	343	-.179	.091	.231	-.823
30	344	-.170	.090	.110	-.772
30	345	-.182	.101	.160	-.776
30	346	-.189	.095	.102	-.756
30	347	-.486	.193	.017	-1.621
30	348	-.477	.201	.032	-1.693
30	349	-.445	.222	.044	-1.458
30	350	-.350	.186	.175	-1.170
30	351	-.358	.210	.271	-1.501
30	352	-.326	.155	.061	-1.117
30	353	-.290	.141	.088	-.969
30	354	-.257	.109	.027	-.734
30	355	-.259	.121	.057	-.894
30	356	-.221	.096	.052	-.631
30	357	-.209	.079	.002	-.593
30	358	-.200	.068	-.013	-.474
30	359	-.225	.082	-.003	-.603
30	360	-.225	.114	.274	-1.054
30	361	-.192	.103	.572	-.582
30	362	-.160	.079	.282	-.483
30	363	-.166	.082	.235	-.578
30	364	-.157	.082	.148	-.600
30	365	-.164	.095	.167	-.864
30	366	-.155	.082	.115	-.882
30	367	-.163	.076	.084	-.554
30	368	-.165	.091	.176	-.727
30	369	-.177	.102	.110	-.787
30	370	-.383	.169	-.062	-1.793
30	371	-.404	.191	-.052	-1.625
30	372	-.363	.182	.065	-1.426
30	373	-.289	.152	.273	-1.098
30	374	-.280	.132	.117	-1.172
30	375	-.274	.123	.070	-.921
30	376	-.249	.105	.011	-.788
30	377	-.214	.097	.037	-.801
30	378	-.205	.082	.001	-.600
30	379	-.197	.083	.001	-.652
30	380	-.171	.068	-.004	-.464
30	381	-.165	.068	.042	-.472
30	382	-.177	.062	.010	-.472
30	383	-.201	.093	.198	-.785
30	384	-.170	.075	.163	-.540
30	385	-.147	.072	.169	-.516
30	386	-.137	.057	.067	-.420
30	387	-.152	.069	.106	-.479
30	388	-.141	.070	.106	-.910
30	389	-.131	.064	.058	-.519
30	390	-.123	.052	.060	-.349
30	391	-.153	.077	.125	-.595
30	392	-.154	.083	.113	-.624
30	393	-.182	.067	.032	-.549
30	394	-.176	.057	.015	-.392
30	395	-.177	.063	.034	-.408
30	396	-.180	.066	.030	-.452
30	397	-.177	.084	.155	-.620
30	398	-.238	.088	-.011	-.872
30	399	-.252	.107	.018	-1.047
30	400	-.244	.100	.037	-1.046
30	401	-.243	.098	.002	-.844
30	402	-.245	.090	.107	-.836
30	403	-.226	.086	.049	-.667
30	404	-.200	.078	.073	-.571
30	405	-.182	.072	.122	-.585
30	406	-.172	.057	.027	-.500
30	407	-.177	.066	.108	-.529
30	408	-.140	.056	.151	-.357
30	409	-.124	.059	.138	-.392
30	410	-.118	.046	.091	-.314
30	411	-.130	.055	.032	-.370
30	412	-.126	.053	.037	-.404
30	413	-.123	.057	.054	-.420
30	414	-.124	.049	.025	-.446
30	415	-.146	.070	.089	-.669
30	416	-.143	.072	.070	-.636
30	417	-.193	.072	.160	-.601
30	418	-.176	.057	.098	-.415
30	419	-.155	.062	.013	-.458
30	420	-.114	.049	.063	-.330
30	421	-.102	.049	.068	-.300
30	422	-.107	.043	.020	-.295
30	423	-.186	.068	.001	-.862
30	424	-.179	.064	-.008	-.808
30	425	-.199	.075	.004	-.651
30	426	-.213	.067	-.001	-.536
30	427	-.234	.093	.056	-.719

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	428	-.165	.066	.125	-.500
30	429	-.152	.063	.098	-.443
30	430	-.132	.047	.062	-.373
30	431	-.137	.056	.065	-.422
30	432	-.129	.056	.023	-.435
30	433	-.113	.050	.063	-.354
30	434	-.100	.037	.029	-.228
30	435	-.107	.044	.056	-.272
30	436	-.097	.042	.049	-.256
30	437	-.105	.052	.058	-.523
30	438	-.107	.043	.029	-.396
30	439	-.128	.058	.039	-1.021
30	440	-.135	.061	.082	-.450
30	441	-.144	.073	.101	-.606
30	442	-.110	.044	.032	-.321
30	443	-.096	.048	.068	-.294
30	444	-.082	.047	.070	-.271
30	445	-.083	.044	.094	-.253
30	446	-.099	.040	.046	-.266
30	447	-.151	.057	.017	-.553
30	448	-.165	.071	.015	-1.041
30	449	-.151	.055	.035	-.388
30	450	-.160	.055	.013	-.371
30	451	-.189	.073	.033	-.528
30	452	-.136	.057	.202	-.329
30	453	-.118	.054	.070	-.314
30	454	-.096	.046	.071	-.276
30	455	-.109	.049	.042	-.296
30	456	-.107	.047	.044	-.273
30	457	-.098	.044	.053	-.284
30	458	-.081	.039	.059	-.237
30	459	-.100	.044	.052	-.294
30	460	-.094	.046	.116	-.285
30	461	-.098	.046	.063	-.273
30	462	-.086	.041	.059	-.224
30	463	-.100	.048	.061	-.285
30	464	-.096	.047	.076	-.297
30	465	-.097	.050	.067	-.397
30	466	-.089	.043	.055	-.288
30	467	-.117	.055	.049	-.463
30	468	-.137	.063	.037	-.486
30	469	-.149	.070	.063	-.625
30	470	-.122	.055	.038	-.378
30	471	-.145	.066	.035	-.570
30	472	-.149	.068	.030	-.663
30	473	-.142	.068	.120	-.712
30	474	-.136	.061	.119	-.515
30	475	-.137	.072	.061	-.621
30	476	-.137	.072	.052	-.583
30	477	-.131	.062	.051	-.427

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	478	-.124	.055	.038	-.426
30	479	-.141	.060	.024	-.396
30	480	-.134	.065	.053	-.698
30	481	-.141	.067	.097	-.462
30	482	-.097	.049	.098	-.361
30	483	-.097	.053	.119	-.294
30	484	-.086	.049	.088	-.255
30	485	-.089	.047	.086	-.287
30	486	-.086	.041	.071	-.260
30	487	-.094	.046	.079	-.261
30	488	-.088	.047	.123	-.250
30	489	-.079	.048	.095	-.241
30	490	-.072	.045	.140	-.221
30	491	-.092	.059	.130	-.261
30	492	-.085	.048	.088	-.241
30	493	-.085	.046	.079	-.273
30	494	-.077	.041	.059	-.237
30	495	-.088	.046	.070	-.271
30	496	-.083	.045	.083	-.250
30	497	-.095	.051	.072	-.282
30	498	-.126	.066	.059	-.842
30	499	-.147	.082	.070	-.961
30	801	-.106	.054	.054	-.309
30	802	-.050	.052	.107	-.287
30	803	-.056	.060	.180	-.450
30	804	-.056	.046	.096	-.275
30	805	-.103	.049	.114	-.340
30	806	-.109	.047	.065	-.276
30	807	-.109	.049	.060	-.303
30	808	-.078	.044	.107	-.263
30	901	-.631	.249	.086	-1.791
30	902	-.432	.209	.322	-1.597
30	903	-.564	.207	.066	-1.571
30	904	-.528	.292	.385	-1.550
30	905	-.438	.216	.179	-1.488
30	906	-.386	.234	.339	-1.733
30	907	-.416	.199	.147	-1.444
30	908	-.331	.219	.251	-1.418
30	909	-.533	.202	.300	-1.281
30	910	-.423	.192	.058	-1.457
30	911	-.206	.134	.199	-.987
30	912	.053	.125	.781	-.338
30	913	.120	.125	.946	-.701
30	914	.116	.128	.850	-.271
30	915	.136	.115	.916	-.128
30	916	-.200	.124	.431	-.843
30	917	-.037	.158	.526	-.637
30	918	-.136	.114	.306	-.578
30	919	-.264	.124	.263	-.756
30	920	-.050	.134	.435	-.514

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	921	-.228	.168	.292	-.833
30	922	-.236	.121	.200	-.934
30	923	-.240	.139	.263	-.979
30	924	-.162	.134	.405	-.812
30	925	-.347	.166	.199	-1.261
30	926	-.507	.169	.143	-1.223
30	927	-.187	.071	.026	-.570
30	928	-.189	.075	.030	-.586
30	929	-.190	.070	.021	-.530
30	930	-.166	.057	.011	-.378
40	1	.007	.074	.423	-.277
40	2	-.156	.055	.018	-.389
40	3	-.141	.083	.421	-.482
40	4	-.175	.079	.045	-.623
40	101	-.154	.094	.146	-.625
40	102	-.139	.091	.196	-.513
40	103	-.137	.123	.367	-.754
40	104	-.165	.145	.398	-.930
40	105	-.204	.170	.483	-1.133
40	106	-.063	.173	.697	-.598
40	107	-.034	.205	.937	-.698
40	108	-.039	.199	.976	-.691
40	109	-.059	.194	.935	-1.107
40	110	-.120	.167	.742	-.872
40	111	-.124	.169	.810	-.777
40	112	-.142	.156	.659	-.781
40	113	-.124	.159	.586	-.667
40	114	-.119	.147	.926	-.752
40	115	-.057	.194	.834	-.904
40	116	-.025	.209	1.130	-.620
40	117	-.016	.247	.928	-.728
40	118	-.035	.228	.922	-.707
40	119	-.188	.265	.897	-1.504
40	120	-.139	.232	.808	-1.324
40	121	-.114	.192	.656	-.969
40	122	-.144	.134	.368	-.828
40	123	-.183	.127	.315	-.817
40	124	-.134	.080	.164	-.535
40	125	-.110	.089	.251	-.508
40	126	-.088	.108	.437	-.492
40	127	-.115	.171	.670	-1.052
40	128	-.142	.180	.656	-1.163
40	129	-.045	.164	.785	-.674
40	130	-.014	.141	.815	-.530
40	131	.007	.151	.913	-.428
40	132	-.023	.153	.651	-.952
40	133	-.024	.156	1.012	-.735
40	134	-.016	.148	.714	-.523
40	135	.021	.176	.904	-.442
40	136	-.009	.163	.860	-.495

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	137	-.027	.158	1.059	-.709
40	138	-.034	.146	.787	-.624
40	139	-.003	.176	.867	-.841
40	140	-.019	.200	.943	-1.776
40	141	-.047	.216	1.235	-.831
40	142	-.178	.222	.813	-1.118
40	143	-.146	.246	.857	-1.265
40	144	-.103	.187	.661	-.732
40	145	-.155	.130	.415	-.697
40	146	-.208	.091	.156	-.773
40	147	-.132	.072	.172	-.458
40	148	-.105	.074	.235	-.421
40	149	-.075	.100	.446	-.576
40	150	-.108	.122	.402	-.856
40	151	-.121	.138	.494	-.803
40	152	-.045	.106	.417	-.478
40	153	-.023	.107	.567	-.393
40	154	-.005	.087	.402	-.364
40	155	-.010	.102	.475	-.735
40	156	.011	.091	.419	-.291
40	157	.017	.092	.563	-.292
40	158	.031	.082	.515	-.192
40	159	.017	.092	.538	-.393
40	160	.004	.095	.493	-.407
40	161	-.029	.101	.387	-.463
40	162	-.028	.090	.385	-.360
40	163	-.057	.116	.618	-.487
40	164	-.087	.128	.557	-.629
40	165	-.191	.173	.766	-.828
40	166	-.176	.157	.680	-.790
40	167	-.132	.136	.688	-.576
40	168	-.177	.103	.289	-.639
40	169	-.212	.096	.359	-.985
40	170	-.131	.069	.142	-.497
40	171	-.102	.086	.301	-.505
40	172	-.082	.114	.569	-.573
40	173	.213	.172	.793	-.379
40	174	.227	.173	.745	-.400
40	175	.274	.185	.944	-.278
40	176	.270	.168	.927	-.216
40	177	.227	.150	1.075	-.217
40	178	.181	.106	.785	-.110
40	179	.147	.109	.746	-.268
40	180	.099	.102	.624	-.221
40	181	.203	.121	.800	-.078
40	182	.170	.100	.685	-.137
40	183	.229	.144	.914	-.134
40	184	-.063	.171	.652	-1.096
40	185	.001	.098	.852	-.347
40	186	-.101	.093	.314	-.453

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	187	-.230	.130	.275	-.844
40	188	-.509	.173	.213	-1.242
40	189	-.507	.202	.237	-1.610
40	190	-.324	.208	.135	-1.262
40	191	-.242	.128	.085	-1.104
40	192	-.271	.103	.042	-1.087
40	193	.150	.112	.656	-.250
40	194	.170	.102	.603	-.190
40	195	.200	.123	1.074	-.164
40	196	.159	.118	.777	-.209
40	197	.166	.156	.856	-.245
40	198	.063	.080	.238	-.359
40	199	.026	.100	.373	-.315
40	200	.172	.132	.710	-.237
40	201	.240	.160	.885	-.394
40	202	.257	.156	.817	-.488
40	203	.285	.180	.927	-.521
40	204	.270	.165	.917	-.338
40	205	.233	.153	.917	-.224
40	206	.200	.114	.755	-.188
40	207	.114	.137	.642	-.503
40	208	.012	.127	.638	-.447
40	209	.018	.103	.536	-.328
40	210	-.055	.102	.381	-.423
40	211	-.177	.149	.349	-.816
40	212	-.478	.200	.180	-1.466
40	213	-.439	.248	.397	-1.408
40	214	-.215	.167	.169	-1.299
40	215	-.217	.087	.147	-.967
40	216	-.253	.073	.020	-.834
40	217	.203	.176	.873	-.476
40	218	.214	.139	.732	-.278
40	219	.112	.105	.563	-.175
40	220	.015	.074	.364	-.216
40	221	-.095	.108	.409	-.469
40	222	-.162	.125	.372	-.617
40	223	-.118	.099	.275	-.637
40	224	-.033	.088	.357	-.378
40	225	.087	.106	.588	-.205
40	226	.131	.107	.630	-.158
40	227	.114	.125	.737	-.266
40	228	.045	.113	.478	-.497
40	229	.061	.098	.706	-.283
40	230	.054	.079	.450	-.181
40	231	.016	.066	.308	-.254
40	232	-.028	.059	.156	-.242
40	233	-.017	.060	.190	-.281
40	234	-.019	.054	.181	-.292
40	235	-.090	.080	.270	-.487
40	236	-.176	.097	.221	-.650

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	237	-.368	.176	.273	-1.199
40	238	-.324	.176	.225	-1.218
40	239	-.192	.142	.268	-1.220
40	240	-.219	.072	.118	-.755
40	241	-.233	.066	-.000	-.627
40	242	-.009	.049	.151	-.193
40	243	-.019	.057	.159	-.268
40	244	-.024	.057	.190	-.245
40	245	-.027	.059	.183	-.271
40	246	.008	.065	.409	-.200
40	247	-.185	.069	.131	-.435
40	248	-.039	.076	.307	-.309
40	249	-.048	.066	.279	-.481
40	250	-.068	.065	.162	-.436
40	251	-.120	.074	.157	-.490
40	252	-.050	.056	.129	-.316
40	253	-.046	.053	.194	-.244
40	254	-.042	.046	.139	-.245
40	255	-.102	.064	.126	-.534
40	256	-.019	.057	.262	-.253
40	257	-.030	.053	.203	-.226
40	258	-.026	.047	.148	-.178
40	259	-.084	.056	.114	-.350
40	260	-.036	.063	.171	-.652
40	261	-.037	.056	.166	-.302
40	262	-.046	.052	.125	-.264
40	263	-.091	.071	.228	-.413
40	264	-.048	.084	.320	-.661
40	265	-.017	.095	.731	-.373
40	266	-.015	.090	.670	-.303
40	267	-.089	.082	.520	-.401
40	268	-.098	.054	.250	-.330
40	269	-.109	.052	.081	-.283
40	270	-.117	.052	.097	-.299
40	271	-.158	.106	.544	-.476
40	272	-.114	.055	.138	-.300
40	273	-.089	.055	.136	-.274
40	274	-.096	.052	.155	-.250
40	275	-.219	.070	.005	-.720
40	276	-.161	.069	.033	-.673
40	277	-.074	.058	.205	-.258
40	278	-.053	.054	.232	-.234
40	279	-.067	.063	.298	-.268
40	280	-.028	.066	.208	-.442
40	281	-.034	.061	.201	-.364
40	282	-.024	.052	.176	-.243
40	283	-.060	.058	.165	-.369
40	284	-.002	.054	.220	-.172
40	285	-.007	.057	.221	-.276
40	286	-.013	.052	.251	-.199

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	287	-.061	.056	.131	-.263
40	288	-.007	.054	.180	-.190
40	289	-.011	.054	.265	-.207
40	290	-.022	.051	.232	-.229
40	291	-.068	.056	.211	-.270
40	292	-.017	.054	.229	-.204
40	293	-.022	.057	.348	-.230
40	294	-.032	.054	.318	-.236
40	295	-.073	.078	.360	-.331
40	296	-.016	.076	.458	-.263
40	297	-.023	.066	.346	-.216
40	298	-.094	.045	.097	-.234
40	299	-.157	.052	.049	-.471
40	301	-.275	.131	.096	-1.182
40	302	-.271	.112	.068	-.984
40	303	-.250	.121	.127	-1.051
40	304	-.213	.112	.111	-.761
40	305	-.206	.106	.104	-.853
40	306	-.200	.084	.018	-.787
40	307	-.196	.090	.050	-.769
40	308	-.177	.080	.076	-.636
40	309	-.189	.091	.100	-.927
40	310	-.181	.073	.073	-.655
40	311	-.180	.083	.123	-.787
40	312	-.181	.085	.135	-.777
40	313	-.171	.082	.102	-.753
40	314	-.173	.074	.064	-.659
40	315	-.167	.079	.074	-.611
40	316	-.145	.073	.122	-.535
40	317	-.149	.078	.102	-.511
40	318	-.158	.072	.073	-.510
40	319	-.174	.097	.125	-.826
40	320	-.163	.097	.161	-.960
40	321	-.181	.105	.122	-.877
40	322	-.196	.097	.092	-.853
40	323	-.200	.108	.134	-.809
40	324	-.256	.109	.038	-.977
40	325	-.265	.115	.024	-1.093
40	326	-.247	.098	.055	-.995
40	327	-.217	.095	.087	-.800
40	328	-.206	.096	.073	-.883
40	329	-.203	.090	.052	-.849
40	330	-.202	.087	.018	-.837
40	331	-.193	.080	.037	-.602
40	332	-.182	.077	.056	-.561
40	333	-.172	.070	.098	-.454
40	334	-.167	.058	.055	-.400
40	335	-.167	.065	.092	-.416
40	336	-.161	.065	.078	-.449
40	337	-.163	.070	.126	-.508
40	338	-.160	.058	.119	-.415
40	339	-.153	.064	.118	-.396
40	340	-.144	.067	.089	-.433
40	341	-.160	.078	.093	-.578
40	342	-.179	.087	.062	-.839
40	343	-.178	.093	.103	-.864
40	344	-.175	.099	.137	-.742
40	345	-.174	.090	.111	-.788
40	346	-.177	.078	.071	-.628
40	347	-.269	.112	.074	-1.084
40	348	-.256	.109	.082	-1.028
40	349	-.242	.108	.063	-1.559
40	350	-.212	.078	.075	-.784
40	351	-.215	.089	.074	-.917
40	352	-.195	.076	.073	-.693
40	353	-.188	.076	.054	-.626
40	354	-.180	.082	.018	-.562
40	355	-.182	.067	.015	-.521
40	356	-.161	.059	.034	-.424
40	357	-.153	.053	.039	-.373
40	358	-.152	.047	.016	-.334
40	359	-.164	.054	.028	-.424
40	360	-.159	.065	.080	-.601
40	361	-.149	.058	.067	-.423
40	362	-.141	.051	.027	-.521
40	363	-.145	.061	.052	-.642
40	364	-.139	.065	.051	-.706
40	365	-.156	.090	.080	-.901
40	366	-.158	.076	.062	-.826
40	367	-.167	.088	.112	-.756
40	368	-.159	.089	.164	-.856
40	369	-.166	.093	.076	-.897
40	370	-.221	.070	.027	-.582
40	371	-.227	.080	.039	-.662
40	372	-.212	.075	.042	-.640
40	373	-.214	.078	.009	-.625
40	374	-.222	.073	-.019	-.595
40	375	-.223	.073	.006	-.580
40	376	-.185	.063	.018	-.455
40	377	-.174	.059	.123	-.526
40	378	-.177	.052	-.001	-.541
40	379	-.186	.057	.018	-.417
40	380	-.146	.049	-.001	-.343
40	381	-.138	.052	.026	-.355
40	382	-.151	.046	-.001	-.341
40	383	-.181	.064	.016	-.622
40	384	-.142	.055	.153	-.340
40	385	-.131	.059	.067	-.367
40	386	-.138	.055	.077	-.351
40	387	-.164	.070	.093	-.466
40	388	-.152	.083	.084	-.675
40	389	-.151	.081	.139	-.541
40	390	-.162	.072	.077	-.665
40	391	-.188	.087	.100	-.657
40	392	-.160	.081	.099	-.567
40	393	-.151	.052	.016	-.372
40	394	-.150	.044	-.009	-.333
40	395	-.166	.051	.006	-.375
40	396	-.144	.049	.009	-.353
40	397	-.142	.055	.089	-.459
40	398	-.192	.053	-.031	-.531
40	399	-.216	.063	-.029	-.560
40	400	-.194	.058	.009	-.475
40	401	-.200	.062	.014	-.464
40	402	-.211	.059	-.006	-.470
40	403	-.210	.064	.063	-.471
40	404	-.169	.060	.072	-.392
40	405	-.159	.053	.036	-.394
40	406	-.159	.043	.013	-.331
40	407	-.175	.052	.063	-.350
40	408	-.132	.050	.050	-.314
40	409	-.129	.054	.108	-.370
40	410	-.139	.051	.079	-.363
40	411	-.165	.066	.142	-.469
40	412	-.150	.076	.135	-.528
40	413	-.149	.074	.096	-.456
40	414	-.171	.072	.082	-.561
40	415	-.208	.089	.056	-.783
40	416	-.178	.082	.067	-.648
40	417	-.170	.059	.115	-.372
40	418	-.167	.049	.082	-.341
40	419	-.170	.052	.058	-.355
40	420	-.130	.049	.040	-.306
40	421	-.129	.062	.086	-.382
40	422	-.142	.058	.045	-.416
40	423	-.194	.065	.021	-.632
40	424	-.165	.060	.040	-.658
40	425	-.177	.065	.009	-.674
40	426	-.188	.051	-.019	-.424
40	427	-.215	.066	-.006	-.563
40	428	-.154	.052	.023	-.377
40	429	-.146	.055	.055	-.384
40	430	-.149	.046	.016	-.294
40	431	-.173	.054	.031	-.348
40	432	-.145	.051	.045	-.319
40	433	-.143	.052	.043	-.389
40	434	-.148	.047	.021	-.448
40	435	-.167	.058	.043	-.518
40	436	-.137	.054	.070	-.423
40	437	-.137	.066	.053	-.596

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	438	-.148	.057	.040	-.531
40	439	-.193	.079	.058	-.701
40	440	-.201	.088	.050	-.631
40	441	-.222	.102	.084	-.876
40	442	-.162	.046	-.006	-.419
40	443	-.176	.053	.065	-.405
40	444	-.138	.051	.091	-.333
40	445	-.145	.048	.033	-.336
40	446	-.154	.045	.038	-.333
40	447	-.136	.067	.080	-.622
40	448	-.145	.063	.045	-.577
40	449	-.144	.063	.044	-.542
40	450	-.129	.051	.040	-.441
40	451	-.140	.061	.046	-.564
40	452	-.136	.053	.041	-.343
40	453	-.127	.053	.078	-.347
40	454	-.118	.048	.072	-.359
40	455	-.131	.053	.093	-.370
40	456	-.141	.053	.080	-.415
40	457	-.135	.049	.019	-.369
40	458	-.119	.043	.026	-.335
40	459	-.126	.048	.030	-.351
40	460	-.139	.049	.009	-.369
40	461	-.144	.057	.044	-.360
40	462	-.129	.051	.033	-.321
40	463	-.134	.058	.048	-.374
40	464	-.145	.057	.041	-.385
40	465	-.137	.053	.046	-.351
40	466	-.120	.046	.042	-.326
40	467	-.131	.058	.053	-.449
40	468	-.208	.090	.020	-.702
40	469	-.230	.102	.037	-.923
40	470	-.127	.067	.049	-.732
40	471	-.175	.076	.082	-.783
40	472	-.206	.085	.009	-.813
40	473	-.122	.059	.066	-.372
40	474	-.109	.052	.054	-.344
40	475	-.160	.075	.073	-.552
40	476	-.185	.079	.020	-.622
40	477	-.122	.056	.046	-.451
40	478	-.113	.049	.038	-.450
40	479	-.110	.055	.089	-.604
40	480	-.131	.060	.041	-.594
40	481	-.131	.058	.066	-.619
40	482	-.104	.044	.067	-.303
40	483	-.103	.051	.109	-.365
40	484	-.114	.055	.140	-.495
40	485	-.122	.053	.062	-.326
40	486	-.111	.048	.074	-.296
40	487	-.117	.052	.037	-.313
40	488	-.125	.051	.032	-.309
40	489	-.127	.055	.066	-.372
40	490	-.122	.049	.049	-.348
40	491	-.121	.055	.046	-.424
40	492	-.129	.057	.027	-.419
40	493	-.138	.060	.069	-.410
40	494	-.127	.053	.036	-.368
40	495	-.116	.053	.071	-.345
40	496	-.116	.051	.091	-.295
40	497	-.109	.050	.089	-.294
40	498	-.149	.066	.056	-.515
40	499	-.167	.078	.082	-.667
40	801	-.089	.060	.153	-.357
40	802	-.033	.060	.194	-.431
40	803	-.045	.070	.196	-.555
40	804	-.039	.051	.185	-.222
40	805	-.126	.056	.068	-.399
40	806	-.133	.053	.071	-.382
40	807	-.137	.051	.060	-.310
40	808	-.121	.046	.022	-.287
40	901	-.338	.189	.227	-1.454
40	902	-.294	.162	.361	-1.218
40	903	-.296	.169	.279	-1.138
40	904	-.274	.190	.414	-1.128
40	905	-.283	.173	.319	-1.588
40	906	-.281	.179	.368	-1.576
40	907	-.210	.127	.297	-.842
40	908	-.212	.139	.314	-1.008
40	909	-.260	.160	.236	-1.121
40	910	-.250	.130	.178	-.986
40	911	-.209	.130	.230	-.903
40	912	-.015	.096	.443	-.432
40	913	.039	.090	.509	-.431
40	914	.044	.104	.530	-.477
40	915	.070	.083	.467	-.206
40	916	-.167	.102	.374	-.580
40	917	-.119	.121	.392	-.555
40	918	-.138	.097	.232	-.748
40	919	-.189	.101	.307	-.565
40	920	-.145	.113	.313	-.601
40	921	-.163	.121	.249	-.954
40	922	-.169	.094	.153	-.543
40	923	-.228	.120	.235	-.770
40	924	-.202	.143	.234	-1.163
40	925	-.226	.123	.212	-.786
40	926	-.269	.126	.202	-1.251
40	927	-.135	.050	.053	-.300
40	928	-.144	.051	.045	-.316
40	929	-.139	.050	.028	-.347
40	930	-.121	.043	.033	-.280
50	1	-.026	.073	.267	-.299
50	2	-.214	.056	-.002	-.435
50	3	-.222	.099	.108	-.768
50	4	-.248	.090	.038	-.684
50	101	-.188	.106	.221	-.743
50	102	-.131	.102	.303	-.644
50	103	-.086	.140	.428	-.690
50	104	-.059	.173	.489	-.792
50	105	-.074	.214	.628	-1.268
50	106	.146	.243	1.001	-.717
50	107	.148	.276	1.198	-.676
50	108	.083	.257	1.045	-.567
50	109	.004	.233	.941	-.641
50	110	-.205	.159	.518	-1.253
50	111	-.262	.220	.618	-.943
50	112	-.189	.183	.607	-.864
50	113	-.122	.203	.851	-.833
50	114	.011	.192	.683	-.938
50	115	-.084	.266	1.001	-.957
50	116	-.070	.204	.954	-.651
50	117	-.135	.214	.839	-.724
50	118	-.220	.184	.581	-.768
50	119	-.532	.277	.521	-2.419
50	120	-.458	.251	.417	-1.839
50	121	-.336	.197	.427	-1.329
50	122	-.286	.132	.182	-.969
50	123	-.292	.132	.191	-.932
50	124	-.135	.091	.211	-.628
50	125	-.061	.111	.357	-.483
50	126	.059	.139	.574	-.465
50	127	.100	.222	1.045	-1.212
50	128	.065	.255	1.160	-1.260
50	129	.193	.258	1.253	-.597
50	130	.214	.226	1.106	-.385
50	131	.183	.232	1.198	-.465
50	132	.089	.189	.897	-.637
50	133	.004	.166	.844	-.708
50	134	-.020	.159	.716	-.546
50	135	.130	.222	1.189	-.361
50	136	.076	.204	1.097	-.386
50	137	.148	.228	1.291	-.678
50	138	-.061	.222	1.164	-1.151
50	139	-.019	.168	.976	-.593
50	140	-.132	.156	.787	-.679
50	141	-.245	.153	.695	-.947
50	142	-.480	.182	.268	-1.825
50	143	-.478	.219	.493	-2.094
50	144	-.375	.201	.473	-1.495
50	145	-.294	.134	.216	-1.113
50	146	-.302	.108	.049	-1.025

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	147	-.123	.100	.219	-.530
50	148	-.039	.109	.373	-.447
50	149	.094	.159	.644	-.310
50	150	.136	.188	.744	-.453
50	151	.117	.234	.867	-1.024
50	152	.193	.216	1.176	-.763
50	153	.226	.195	1.270	-.298
50	154	.206	.153	1.078	-.199
50	155	.162	.136	.878	-.150
50	156	.137	.127	.792	-.344
50	157	.104	.116	.774	-.249
50	158	.186	.124	.894	-.145
50	159	.136	.126	.809	-.215
50	160	.182	.166	1.073	-.279
50	161	-.078	.166	.522	-.796
50	162	-.027	.090	.410	-.425
50	163	-.159	.099	.361	-.593
50	164	-.262	.106	.260	-.698
50	165	-.477	.150	-.039	-1.248
50	166	-.488	.142	-.003	-1.326
50	167	-.436	.190	.140	-1.514
50	168	-.336	.162	.124	-1.204
50	169	-.318	.157	.079	-1.273
50	170	-.104	.084	.182	-.469
50	171	.001	.106	.384	-.386
50	172	.159	.135	.623	-.279
50	173	.230	.182	.919	-.354
50	174	.245	.182	.946	-.398
50	175	.299	.199	1.201	-.225
50	176	.293	.184	1.179	-.210
50	177	.231	.145	.830	-.178
50	178	.186	.102	.577	-.128
50	179	.153	.103	.559	-.163
50	180	.107	.096	.537	-.177
50	181	.197	.124	.765	-.115
50	182	.161	.098	.687	-.098
50	183	.229	.144	.859	-.227
50	184	-.068	.162	.503	-.726
50	185	.007	.096	.503	-.326
50	186	-.096	.093	.402	-.407
50	187	-.222	.127	.352	-.730
50	188	-.505	.170	.437	-1.325
50	189	-.503	.205	.149	-1.830
50	190	-.321	.204	.141	-1.440
50	191	-.242	.134	.079	-1.111
50	192	-.271	.113	-.001	-1.181
50	193	.157	.113	.666	-.281
50	194	.178	.102	.783	-.155
50	195	.209	.120	.915	-.137
50	196	.167	.116	.778	-.206
50	197	.163	.141	.725	-.223
50	198	-.065	.080	.240	-.456
50	199	.023	.101	.442	-.453
50	200	.167	.130	.783	-.359
50	201	.244	.162	.825	-.284
50	202	.262	.157	.850	-.238
50	203	.291	.186	1.058	-.421
50	204	.276	.174	1.084	-.271
50	205	.223	.144	.828	-.195
50	206	.193	.105	.643	-.089
50	207	.098	.143	.640	-1.030
50	208	-.002	.132	.518	-.665
50	209	.015	.101	.411	-.349
50	210	-.056	.095	.253	-.456
50	211	-.177	.135	.333	-.749
50	212	-.476	.185	.295	-1.292
50	213	-.491	.248	.292	-1.753
50	214	-.249	.178	.084	-1.247
50	215	-.227	.096	.098	-1.046
50	216	-.261	.077	-.044	-.982
50	217	.194	.173	.921	-.557
50	218	.207	.135	.802	-.157
50	219	.105	.101	.624	-.241
50	220	.007	.074	.340	-.269
50	221	-.096	.100	.280	-.466
50	222	-.166	.117	.214	-.593
50	223	-.117	.095	.225	-.603
50	224	-.036	.087	.309	-.399
50	225	.087	.105	.582	-.241
50	226	.132	.107	.728	-.187
50	227	.116	.124	.838	-.336
50	228	.053	.111	.475	-.584
50	229	.059	.094	.484	-.415
50	230	.055	.064	.318	-.180
50	231	.017	.061	.250	-.218
50	232	-.026	.057	.179	-.245
50	233	-.019	.061	.205	-.277
50	234	-.022	.054	.203	-.261
50	235	-.100	.080	.202	-.393
50	236	-.191	.101	.174	-.582
50	237	-.367	.153	.098	-1.112
50	238	-.328	.156	.097	-1.126
50	239	-.193	.134	.222	-1.007
50	240	-.217	.067	.030	-.714
50	241	-.235	.073	.084	-.635
50	242	-.004	.051	.173	-.238
50	243	-.016	.060	.195	-.267
50	244	-.020	.058	.193	-.276
50	245	-.036	.061	.240	-.263
50	246	.002	.071	.453	-.254
50	247	-.194	.087	.183	-.642
50	248	-.034	.081	.556	-.333
50	249	.040	.072	.370	-.218
50	250	.034	.067	.419	-.240
50	251	-.023	.077	.458	-.346
50	252	-.029	.079	.254	-.415
50	253	-.010	.072	.347	-.446
50	254	-.010	.058	.275	-.233
50	255	-.058	.066	.174	-.339
50	256	.019	.074	.243	-.450
50	257	-.020	.057	.189	-.255
50	258	.010	.054	.247	-.172
50	259	-.054	.064	.191	-.334
50	260	.014	.072	.315	-.306
50	261	-.075	.071	.145	-.455
50	262	-.060	.050	.106	-.277
50	263	-.154	.063	.061	-.411
50	264	-.147	.068	.080	-.483
50	265	-.263	.109	.207	-1.211
50	266	-.258	.107	.101	-.757
50	267	-.227	.086	.080	-.618
50	268	-.182	.063	.043	-.450
50	269	-.191	.058	.011	-.441
50	270	-.100	.070	.303	-.316
50	271	-.288	.085	.080	-.734
50	272	-.201	.066	.029	-.492
50	273	-.055	.076	.471	-.512
50	274	-.057	.073	.410	-.358
50	275	-.397	.083	.032	-.852
50	276	-.220	.070	.068	-.578
50	277	-.046	.074	.311	-.296
50	278	.002	.068	.289	-.226
50	279	.021	.079	.431	-.197
50	280	.049	.067	.394	-.185
50	281	.035	.066	.278	-.193
50	282	.000	.064	.217	-.233
50	283	-.032	.071	.263	-.293
50	284	.034	.066	.361	-.183
50	285	.033	.067	.366	-.225
50	286	.004	.061	.215	-.351
50	287	-.022	.054	.246	-.257
50	288	.043	.065	.610	-.178
50	289	.037	.062	.299	-.191
50	290	.041	.062	.345	-.138
50	291	-.044	.067	.434	-.238
50	292	.004	.056	.266	-.183
50	293	-.042	.059	.230	-.246
50	294	-.079	.055	.171	-.298
50	295	-.248	.102	.046	-.840
50	296	-.169	.091	.108	-.674

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	297	-.065	.056	.214	-.271
50	298	-.150	.046	.086	-.309
50	299	-.212	.056	.070	-.406
50	301	-.321	.119	.048	-.966
50	302	-.316	.101	-.042	-.860
50	303	-.305	.107	.024	-1.046
50	304	-.284	.100	.018	-.784
50	305	-.295	.105	.030	-.900
50	306	-.280	.081	-.009	-.769
50	307	-.273	.086	.004	-.682
50	308	-.255	.081	.074	-.624
50	309	-.253	.087	.048	-.758
50	310	-.258	.082	.007	-.738
50	311	-.266	.097	.094	-.753
50	312	-.272	.099	.058	-.748
50	313	-.237	.081	.065	-.543
50	314	-.226	.072	.053	-.522
50	315	-.228	.084	.030	-.700
50	316	-.215	.081	.098	-.587
50	317	-.228	.086	.026	-.595
50	318	-.240	.082	-.009	-.581
50	319	-.273	.120	.046	-.850
50	320	-.261	.113	.052	-.912
50	321	-.284	.123	.090	-1.161
50	322	-.302	.106	.049	-.926
50	323	-.299	.116	.077	-.918
50	324	-.310	.107	.047	-.921
50	325	-.303	.103	.114	-.916
50	326	-.298	.084	-.013	-.809
50	327	-.282	.085	.022	-.843
50	328	-.275	.088	.007	-.857
50	329	-.261	.075	-.018	-.582
50	330	-.259	.065	-.040	-.553
50	331	-.246	.068	-.006	-.563
50	332	-.233	.065	-.017	-.502
50	333	-.232	.061	-.031	-.507
50	334	-.228	.053	-.040	-.427
50	335	-.223	.059	-.018	-.453
50	336	-.219	.058	-.022	-.438
50	337	-.219	.064	-.009	-.468
50	338	-.226	.059	.002	-.462
50	339	-.221	.067	.030	-.461
50	340	-.220	.076	.060	-.615
50	341	-.234	.086	.046	-.707
50	342	-.271	.101	.027	-.818
50	343	-.266	.103	.059	-.843
50	344	-.259	.111	.080	-1.098
50	345	-.258	.109	.048	-.865
50	346	-.259	.094	.009	-.767
50	347	-.307	.102	-.005	-1.019
50	348	-.289	.092	-.030	-.926
50	349	-.288	.081	-.060	-.690
50	350	-.288	.067	-.075	-.654
50	351	-.295	.082	.055	-.755
50	352	-.258	.065	-.022	-.587
50	353	-.250	.062	-.038	-.494
50	354	-.242	.054	-.046	-.449
50	355	-.238	.060	-.025	-.457
50	356	-.224	.057	-.037	-.436
50	357	-.214	.052	-.033	-.444
50	358	-.211	.047	-.033	-.415
50	359	-.219	.052	-.029	-.446
50	360	-.209	.057	.018	-.447
50	361	-.214	.065	.028	-.586
50	362	-.213	.061	-.037	-.499
50	363	-.222	.080	.035	-.569
50	364	-.223	.088	.072	-.642
50	365	-.262	.132	.057	-1.093
50	366	-.262	.105	.067	-.791
50	367	-.267	.129	.128	-1.101
50	368	-.261	.126	.072	-1.129
50	369	-.258	.107	.011	-.935
50	370	-.295	.089	-.077	-.866
50	371	-.293	.091	-.040	-.914
50	372	-.281	.074	-.066	-.742
50	373	-.288	.066	-.059	-.632
50	374	-.304	.063	-.120	-.673
50	375	-.308	.065	-.112	-.575
50	376	-.256	.058	-.065	-.501
50	377	-.241	.057	-.052	-.430
50	378	-.245	.050	-.041	-.448
50	379	-.268	.057	-.042	-.535
50	380	-.222	.052	-.036	-.400
50	381	-.210	.051	-.054	-.408
50	382	-.232	.045	-.083	-.418
50	383	-.242	.058	.001	-.484
50	384	-.214	.060	-.033	-.445
50	385	-.212	.067	-.010	-.642
50	386	-.233	.069	-.016	-.654
50	387	-.268	.092	.019	-.768
50	388	-.268	.118	.073	-.878
50	389	-.269	.110	.075	-.793
50	390	-.276	.098	-.014	-.926
50	391	-.293	.114	.031	-1.694
50	392	-.250	.102	.021	-1.373
50	393	-.235	.053	-.025	-.442
50	394	-.241	.046	-.071	-.398
50	395	-.261	.055	-.064	-.452
50	396	-.226	.051	-.043	-.385
50	397	-.227	.060	-.010	-.432
50	398	-.292	.063	-.116	-.929
50	399	-.317	.072	-.112	-1.043
50	400	-.287	.065	-.097	-.703
50	401	-.296	.063	-.032	-.608
50	402	-.314	.063	-.041	-.604
50	403	-.306	.067	-.039	-.567
50	404	-.252	.061	-.036	-.499
50	405	-.238	.056	-.064	-.508
50	406	-.246	.047	-.076	-.463
50	407	-.273	.058	-.077	-.550
50	408	-.231	.062	-.036	-.597
50	409	-.231	.068	-.035	-.527
50	410	-.250	.068	-.044	-.554
50	411	-.280	.092	-.011	-.776
50	412	-.285	.113	.006	-1.087
50	413	-.285	.117	.051	-.971
50	414	-.298	.096	-.059	-.827
50	415	-.315	.105	.047	-1.012
50	416	-.270	.093	-.033	-.977
50	417	-.273	.068	-.064	-.571
50	418	-.277	.058	-.086	-.572
50	419	-.292	.063	-.077	-.517
50	420	-.251	.068	-.009	-.550
50	421	-.248	.084	-.036	-.586
50	422	-.270	.080	-.009	-.634
50	423	-.315	.082	-.062	-.746
50	424	-.279	.078	-.085	-.708
50	425	-.300	.087	-.074	-.732
50	426	-.281	.060	-.024	-.651
50	427	-.305	.072	-.067	-.758
50	428	-.262	.069	-.048	-.666
50	429	-.256	.069	-.035	-.674
50	430	-.287	.057	-.118	-.554
50	431	-.324	.070	-.102	-.685
50	432	-.293	.075	-.100	-.597
50	433	-.278	.075	-.032	-.644
50	434	-.284	.068	-.059	-.569
50	435	-.307	.088	-.027	-.713
50	436	-.267	.081	-.038	-.718
50	437	-.277	.105	.099	-.971
50	438	-.287	.091	.028	-.827
50	439	-.345	.125	.036	-1.153
50	440	-.343	.125	-.051	-1.412
50	441	-.349	.130	-.074	-1.964
50	442	-.313	.067	-.118	-.726
50	443	-.326	.073	-.104	-.690
50	444	-.276	.069	-.070	-.610
50	445	-.280	.069	-.076	-.537
50	446	-.292	.062	-.113	-.564
50	447	-.281	.078	-.018	-.799

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	448	-.238	.085	.065	-.831
50	449	-.214	.068	-.011	-.628
50	450	-.190	.050	.031	-.366
50	451	-.216	.061	.014	-.466
50	452	-.240	.084	.041	-.751
50	453	-.240	.077	-.011	-.612
50	454	-.251	.074	-.069	-.729
50	455	-.292	.091	-.052	-.815
50	456	-.298	.100	-.010	-.890
50	457	-.282	.077	-.063	-.641
50	458	-.260	.066	-.075	-.536
50	459	-.286	.075	-.070	-.651
50	460	-.292	.078	-.070	-.661
50	461	-.298	.088	-.043	-.885
50	462	-.292	.078	-.053	-.731
50	463	-.330	.093	-.036	-.783
50	464	-.327	.089	-.045	-.742
50	465	-.275	.074	.028	-.639
50	466	-.227	.063	.036	-.666
50	467	-.231	.092	.067	-.872
50	468	-.345	.147	.048	-1.227
50	469	-.378	.147	.037	-1.199
50	470	-.207	.069	.022	-.579
50	471	-.264	.123	.076	-.974
50	472	-.324	.132	.082	-1.211
50	473	-.197	.064	.078	-.443
50	474	-.178	.055	.018	-.366
50	475	-.230	.120	.260	-.767
50	476	-.286	.140	.288	-1.040
50	477	-.179	.060	.039	-.402
50	478	-.176	.053	.004	-.371
50	479	-.180	.055	.019	-.414
50	480	-.175	.063	.096	-.467
50	481	-.177	.064	.076	-.539
50	482	-.179	.070	.045	-.561
50	483	-.222	.075	.001	-.644
50	484	-.206	.078	.082	-.555
50	485	-.233	.086	.078	-.607
50	486	-.236	.103	.124	-.809
50	487	-.301	.086	.060	-.696
50	488	-.257	.080	.062	-.580
50	489	-.273	.086	-.045	-.753
50	490	-.276	.075	-.053	-.675
50	491	-.321	.092	-.061	-.826
50	492	-.289	.091	.048	-.760
50	493	-.286	.079	-.034	-.653
50	494	-.275	.069	-.053	-.595
50	495	-.266	.060	-.047	-.516
50	496	-.192	.055	.018	-.377
50	497	-.117	.066	.117	-.386

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	498	-.177	.099	.197	-.824
50	499	-.271	.119	.285	-1.111
50	801	-.078	.067	.171	-.479
50	802	-.016	.054	.203	-.248
50	803	-.024	.054	.150	-.278
50	804	-.023	.050	.127	-.251
50	805	-.330	.069	-.120	-.660
50	806	-.282	.070	-.098	-.636
50	807	-.285	.078	-.068	-.714
50	808	-.264	.065	-.085	-.559
50	901	-.430	.193	.209	-1.370
50	902	-.514	.200	.078	-1.709
50	903	-.372	.167	.204	-1.238
50	904	-.448	.199	.231	-1.539
50	905	-.503	.246	.320	-1.806
50	906	-.493	.204	.194	-1.327
50	907	-.358	.156	.188	-1.045
50	908	-.429	.177	.105	-1.097
50	909	-.307	.162	.327	-1.451
50	910	-.382	.160	.092	-1.818
50	911	-.388	.161	.108	-1.149
50	912	.087	.123	.797	-.322
50	913	.159	.125	.798	-.192
50	914	.141	.120	.690	-.384
50	915	.175	.112	.779	-.145
50	916	-.192	.133	.263	-.648
50	917	-.251	.138	.386	-.958
50	918	-.222	.127	.192	-.776
50	919	-.203	.126	.366	-1.052
50	920	-.293	.143	.238	-.943
50	921	-.257	.129	.331	-.756
50	922	-.224	.111	.159	-.662
50	923	-.355	.147	.234	-.922
50	924	-.362	.173	.280	-1.513
50	925	-.345	.151	.338	-.937
50	926	-.306	.125	.185	-.878
50	927	-.265	.054	-.075	-.457
50	928	-.216	.055	-.033	-.400
50	929	-.216	.054	-.047	-.446
50	930	-.197	.048	-.048	-.398
60	1	.050	.115	.553	-.348
60	2	-.249	.075	-.002	-.567
60	3	-.213	.128	.222	-.932
60	4	-.304	.128	.118	-.828
60	101	-.256	.077	.044	-.615
60	102	-.157	.073	.125	-.451
60	103	-.072	.096	.301	-.503
60	104	.018	.114	.440	-.465
60	105	-.035	.202	.603	-.866
60	106	.375	.163	.972	-.405

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	107	.387	.194	1.130	-.503
60	108	.308	.193	1.068	-.477
60	109	.173	.172	.807	-.503
60	110	-.182	.110	.215	-.690
60	111	-.394	.223	.469	-1.300
60	112	-.195	.134	.375	-.742
60	113	-.033	.161	.575	-.684
60	114	.286	.173	1.020	-.630
60	115	.203	.321	1.245	-1.450
60	116	.148	.233	.919	-.670
60	117	-.028	.214	1.021	-.822
60	118	-.187	.181	.599	-.977
60	119	-.639	.280	.098	-2.619
60	120	-.625	.258	.314	-2.363
60	121	-.577	.251	.311	-1.631
60	122	-.476	.188	.129	-1.224
60	123	-.466	.195	.149	-1.429
60	124	-.149	.071	.107	-.509
60	125	-.014	.080	.290	-.280
60	126	.212	.094	.585	-.088
60	127	.319	.162	.929	-.482
60	128	.228	.228	1.047	-1.051
60	129	.592	.186	1.276	-.470
60	130	.647	.185	1.286	-.072
60	131	.609	.224	1.404	-.245
60	132	.436	.209	1.254	-.337
60	133	.263	.171	1.014	-.342
60	134	.167	.192	1.145	-.509
60	135	.488	.243	2.000	-.321
60	136	.396	.228	1.735	-.370
60	137	.551	.234	1.336	-.339
60	138	.227	.314	1.099	-1.183
60	139	.213	.220	.989	-.503
60	140	-.028	.187	.830	-.781
60	141	-.246	.187	.416	-1.049
60	142	-.592	.205	-.137	-1.664
60	143	-.602	.235	-.079	-1.855
60	144	-.577	.233	.070	-1.702
60	145	-.481	.179	.168	-1.268
60	146	-.479	.158	.062	-1.206
60	147	-.115	.076	.190	-.374
60	148	.026	.083	.344	-.281
60	149	.288	.104	.740	-.059
60	150	.419	.138	.909	-.364
60	151	.363	.210	1.033	-.851
60	152	.595	.177	1.212	-.118
60	153	.615	.198	1.469	-.227
60	154	.578	.182	1.326	-.011
60	155	.474	.176	1.153	-.024
60	156	.430	.163	1.047	-.070

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	157	.377	.157	.922	-.080
60	158	.494	.172	1.180	.071
60	159	.421	.180	1.081	-.107
60	160	.496	.210	1.484	-.123
60	161	-.044	.243	.706	-1.026
60	162	.082	.119	.516	-.289
60	163	-.142	.111	.413	-.653
60	164	-.289	.110	.184	-.907
60	165	-.490	.135	-.174	-1.645
60	166	-.496	.124	-.195	-1.500
60	167	-.527	.168	-.091	-1.860
60	168	-.561	.191	.123	-1.516
60	169	-.574	.214	.122	-1.824
60	170	-.117	.065	.088	-.435
60	171	.038	.078	.328	-.259
60	172	.296	.101	.693	-.018
60	173	.423	.130	.956	-.121
60	174	.416	.145	.965	-.216
60	175	.569	.163	1.224	.104
60	176	.587	.163	1.161	.126
60	177	.555	.158	1.098	.090
60	178	.470	.122	.863	.140
60	179	.430	.127	.915	.049
60	180	.374	.127	.813	-.029
60	181	.478	.141	1.093	.137
60	182	.421	.114	.808	.092
60	183	.505	.172	1.160	-.084
60	184	-.068	.168	.627	-.916
60	185	.078	.096	.529	-.293
60	186	-.122	.080	.151	-.553
60	187	-.306	.106	.008	-1.025
60	188	-.574	.154	-.189	-1.919
60	189	-.596	.151	-.175	-1.468
60	190	-.600	.161	-.067	-1.497
60	191	-.594	.209	.196	-1.744
60	192	-.641	.221	.032	-1.761
60	193	.443	.144	1.014	-.249
60	194	.457	.141	1.223	.065
60	195	.491	.156	1.226	.100
60	196	.450	.147	1.293	.086
60	197	.316	.171	1.068	-.237
60	198	-.090	.071	.154	-.453
60	199	.044	.077	.358	-.285
60	200	.272	.093	.676	-.069
60	201	.393	.129	.836	-.026
60	202	.399	.137	.867	-.241
60	203	.517	.165	1.171	-.171
60	204	.523	.167	1.253	-.029
60	205	.486	.148	1.286	.069
60	206	.438	.118	.897	-.140
60	207	.220	.234	.855	-1.483
60	208	.001	.150	.575	-.660
60	209	.061	.109	.480	-.363
60	210	-.124	.092	.277	-.489
60	211	-.346	.122	.175	-.881
60	212	-.744	.163	-.309	-1.651
60	213	-.725	.172	-.284	-1.682
60	214	-.658	.183	-.031	-1.497
60	215	-.511	.207	.086	-1.412
60	216	-.519	.183	.006	-1.267
60	217	.404	.163	1.098	-.176
60	218	.419	.143	.991	-.010
60	219	.298	.115	.771	-.052
60	220	.119	.082	.436	-.154
60	221	-.173	.099	.269	-.507
60	222	-.350	.103	.078	-.756
60	223	-.151	.100	.187	-.594
60	224	-.016	.084	.316	-.324
60	225	.182	.100	.529	-.149
60	226	.256	.108	.747	-.179
60	227	.246	.135	.844	-.381
60	228	.214	.117	.653	-.222
60	229	.199	.111	.726	-.198
60	230	.165	.075	.484	-.093
60	231	.102	.071	.466	-.139
60	232	.028	.067	.439	-.180
60	233	.040	.067	.443	-.223
60	234	-.003	.059	.275	-.211
60	235	-.171	.085	.180	-.494
60	236	-.349	.101	.043	-.709
60	237	-.716	.178	-.117	-1.577
60	238	-.689	.167	.051	-1.554
60	239	-.457	.263	.280	-1.591
60	240	-.366	.146	.065	-1.003
60	241	-.396	.156	.034	-1.180
60	242	.043	.055	.240	-.143
60	243	.024	.066	.276	-.230
60	244	.033	.062	.276	-.204
60	245	-.001	.068	.294	-.268
60	246	.037	.072	.464	-.259
60	247	-.219	.101	.147	-.663
60	248	-.011	.095	.441	-.411
60	249	.139	.085	.464	-.198
60	250	.153	.081	.540	-.158
60	251	.099	.095	.501	-.241
60	252	.060	.089	.357	-.360
60	253	.080	.081	.429	-.254
60	254	.068	.066	.366	-.182
60	255	.017	.078	.271	-.473
60	256	.041	.096	.359	-.546
60	257	.038	.070	.366	-.235
60	258	.120	.078	.429	-.121
60	259	.027	.085	.408	-.373
60	260	.109	.098	.439	-.358
60	261	-.099	.092	.212	-.575
60	262	-.062	.057	.220	-.295
60	263	-.208	.075	.076	-.480
60	264	-.254	.088	.064	-.657
60	265	-.526	.213	-.011	-1.927
60	266	-.528	.192	-.050	-1.707
60	267	-.299	.164	.235	-1.044
60	268	-.203	.098	.206	-.692
60	269	-.229	.098	.117	-.911
60	270	-.124	.094	.335	-.476
60	271	-.285	.121	.271	-.827
60	272	-.182	.093	.159	-.532
60	273	-.055	.098	.385	-.468
60	274	-.066	.085	.364	-.393
60	275	-.370	.133	.015	-1.073
60	276	-.264	.109	.055	-.862
60	277	-.071	.084	.254	-.377
60	278	.027	.073	.305	-.198
60	279	.124	.082	.511	-.129
60	280	.153	.070	.399	-.105
60	281	.142	.075	.947	-.130
60	282	.103	.067	.542	-.121
60	283	.076	.074	.520	-.170
60	284	.138	.080	.526	-.112
60	285	.149	.085	.585	-.109
60	286	.114	.082	.392	-.248
60	287	.105	.081	.423	-.129
60	288	.173	.082	.522	-.061
60	289	.162	.083	.571	-.095
60	290	.179	.097	.575	-.083
60	291	.051	.107	.425	-.312
60	292	.092	.083	.479	-.138
60	293	.021	.079	.378	-.265
60	294	-.041	.076	.272	-.360
60	295	-.319	.161	.127	-1.049
60	296	-.221	.146	.220	-1.218
60	297	.016	.084	.317	-.359
60	298	-.129	.062	.152	-.370
60	299	-.205	.073	.027	-.497
60	301	-.472	.164	.061	-1.389
60	302	-.469	.144	-.046	-1.349
60	303	-.467	.172	.035	-1.396
60	304	-.472	.181	.040	-1.553
60	305	-.472	.168	.041	-1.385
60	306	-.426	.112	-.093	-.927
60	307	-.409	.114	-.055	-.879

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	308	-.399	.101	-.088	-.965
60	309	-.407	.101	-.062	-.775
60	310	-.419	.094	-.126	-.965
60	311	-.441	.106	-.064	-.882
60	312	-.457	.103	-.015	-.919
60	313	-.378	.083	-.075	-.696
60	314	-.347	.073	-.097	-.662
60	315	-.336	.080	-.060	-.842
60	316	-.328	.077	-.063	-.695
60	317	-.353	.083	-.121	-.788
60	318	-.372	.078	-.139	-.850
60	319	-.416	.118	-.086	-1.165
60	320	-.396	.101	-.079	-1.020
60	321	-.413	.095	.002	-.899
60	322	-.440	.078	-.179	-.762
60	323	-.434	.085	-.148	-.759
60	324	-.462	.159	.063	-1.396
60	325	-.450	.149	.030	-1.074
60	326	-.451	.119	-.088	-1.053
60	327	-.468	.142	-.075	-1.253
60	328	-.474	.158	-.044	-1.555
60	329	-.431	.115	-.059	-1.015
60	330	-.414	.090	-.128	-.863
60	331	-.385	.082	-.128	-.803
60	332	-.371	.073	-.139	-.682
60	333	-.361	.066	-.149	-.659
60	334	-.357	.057	-.190	-.565
60	335	-.350	.064	-.141	-.576
60	336	-.344	.062	-.154	-.563
60	337	-.346	.066	-.129	-.593
60	338	-.350	.060	-.168	-.757
60	339	-.344	.066	-.130	-.633
60	340	-.346	.069	-.116	-.665
60	341	-.358	.072	-.119	-.716
60	342	-.398	.088	-.139	-.954
60	343	-.389	.086	-.102	-.915
60	344	-.365	.076	-.068	-.952
60	345	-.365	.075	-.103	-.903
60	346	-.369	.066	-.148	-.684
60	347	-.514	.144	-.040	-1.181
60	348	-.483	.125	-.059	-1.051
60	349	-.455	.107	-.040	-1.015
60	350	-.442	.096	-.150	-.894
60	351	-.456	.128	.008	-1.117
60	352	-.390	.088	-.070	-.861
60	353	-.369	.080	-.097	-.751
60	354	-.356	.063	-.009	-.592
60	355	-.351	.062	-.038	-.578
60	356	-.345	.060	-.105	-.541
60	357	-.341	.055	-.132	-.569
60	358	-.329	.059	-.161	-.517
60	359	-.339	.055	-.121	-.561
60	360	-.325	.060	-.046	-.554
60	361	-.348	.081	-.112	-.991
60	362	-.345	.066	-.119	-.680
60	363	-.354	.083	-.075	-.792
60	364	-.356	.090	-.090	-.863
60	365	-.396	.134	-.007	-1.225
60	366	-.395	.099	-.130	-.885
60	367	-.362	.087	-.080	-.825
60	368	-.341	.074	-.128	-.726
60	369	-.342	.076	-.127	-.784
60	370	-.533	.151	-.079	-1.318
60	371	-.496	.148	-.036	-1.196
60	372	-.453	.112	-.092	-.981
60	373	-.455	.112	-.010	-.998
60	374	-.488	.116	-.099	-1.052
60	375	-.449	.100	-.083	-.881
60	376	-.368	.079	-.078	-.680
60	377	-.345	.074	-.028	-.658
60	378	-.358	.060	-.109	-.578
60	379	-.395	.070	-.162	-.746
60	380	-.337	.063	-.140	-.665
60	381	-.313	.058	-.116	-.538
60	382	-.342	.051	-.162	-.540
60	383	-.355	.076	-.078	-.647
60	384	-.341	.084	-.091	-.876
60	385	-.334	.081	-.069	-.720
60	386	-.362	.082	-.072	-.851
60	387	-.407	.111	-.040	-1.091
60	388	-.407	.146	.053	-1.436
60	389	-.394	.122	-.089	-1.097
60	390	-.372	.085	-.149	-.914
60	391	-.385	.086	-.137	-1.032
60	392	-.331	.078	-.111	-.799
60	393	-.347	.069	-.141	-.690
60	394	-.355	.058	-.172	-.678
60	395	-.377	.068	-.167	-.751
60	396	-.335	.064	-.138	-.695
60	397	-.341	.078	-.025	-.683
60	398	-.527	.158	-.062	-1.495
60	399	-.545	.176	-.019	-1.555
60	400	-.480	.132	-.133	-1.006
60	401	-.481	.120	-.131	-1.215
60	402	-.506	.120	-.195	-1.355
60	403	-.477	.104	-.052	-.915
60	404	-.395	.086	-.049	-.802
60	405	-.373	.073	-.121	-.671
60	406	-.374	.060	-.195	-.646
60	407	-.405	.072	-.083	-.718
60	408	-.350	.077	-.088	-.774
60	409	-.358	.094	-.037	-.966
60	410	-.382	.094	-.067	-.929
60	411	-.428	.127	-.047	-1.182
60	412	-.431	.154	.056	-1.431
60	413	-.424	.138	.132	-1.104
60	414	-.418	.104	-.169	-1.160
60	415	-.427	.106	-.137	-1.180
60	416	-.371	.097	-.106	-1.075
60	417	-.449	.109	.059	-1.190
60	418	-.439	.089	.074	-.926
60	419	-.436	.086	-.134	-.818
60	420	-.386	.087	-.133	-.941
60	421	-.387	.114	-.027	-1.045
60	422	-.409	.109	-.029	-1.019
60	423	-.514	.180	.169	-1.445
60	424	-.462	.162	.140	-1.331
60	425	-.502	.180	.054	-1.444
60	426	-.429	.111	-.027	-.874
60	427	-.461	.140	.006	-1.517
60	428	-.398	.113	-.041	-1.021
60	429	-.387	.112	-.020	-.951
60	430	-.410	.085	-.109	-.849
60	431	-.470	.101	-.139	-.971
60	432	-.445	.107	-.098	-1.033
60	433	-.454	.126	-.119	-1.146
60	434	-.449	.105	-.157	-.962
60	435	-.470	.132	-.063	-1.274
60	436	-.419	.120	-.073	-1.274
60	437	-.425	.154	.105	-1.244
60	438	-.438	.125	.004	-1.014
60	439	-.516	.155	-.065	-1.425
60	440	-.495	.152	-.148	-1.443
60	441	-.485	.149	-.173	-1.267
60	442	-.473	.103	-.210	-.994
60	443	-.486	.108	-.177	-1.012
60	444	-.406	.096	-.111	-.824
60	445	-.412	.099	-.092	-.880
60	446	-.429	.090	-.147	-.949
60	447	-.384	.140	.078	-1.084
60	448	-.308	.150	.180	-1.120
60	449	-.289	.135	.173	-1.045
60	450	-.250	.082	.112	-.780
60	451	-.359	.105	.025	-1.058
60	452	-.324	.123	.314	-1.145
60	453	-.327	.112	.363	-.779
60	454	-.377	.105	-.012	-.880
60	455	-.536	.136	-.134	-1.294
60	456	-.467	.141	-.090	-1.187
60	457	-.441	.113	-.154	-1.076

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	458	-.406	.094	-.136	-.932
60	459	-.525	.116	-.214	-1.197
60	460	-.452	.116	-.095	-1.010
60	461	-.458	.122	-.149	-1.169
60	462	-.444	.103	-.181	-1.015
60	463	-.587	.156	-.161	-1.600
60	464	-.510	.148	-.148	-1.325
60	465	-.419	.100	-.081	-.863
60	466	-.353	.081	-.086	-.728
60	467	-.426	.135	-.043	-1.058
60	468	-.530	.177	-.031	-1.681
60	469	-.549	.187	-.117	-1.827
60	470	-.236	.101	.060	-1.108
60	471	-.501	.187	.010	-1.643
60	472	-.531	.178	.135	-1.398
60	473	-.213	.083	.062	-.523
60	474	-.194	.071	.006	-.502
60	475	-.446	.166	.054	-1.337
60	476	-.454	.159	.084	-1.214
60	477	-.193	.081	.125	-.580
60	478	-.193	.072	.097	-.538
60	479	-.262	.078	.083	-.568
60	480	-.206	.088	.036	-.667
60	481	-.214	.092	.064	-1.017
60	482	-.216	.093	.069	-.796
60	483	-.305	.107	.198	-.807
60	484	-.277	.117	.052	-.869
60	485	-.331	.128	.116	-.888
60	486	-.368	.170	.191	-1.302
60	487	-.486	.137	.030	-1.149
60	488	-.381	.121	.020	-.984
60	489	-.411	.120	-.063	-.949
60	490	-.428	.103	-.152	-.884
60	491	-.523	.135	-.139	-1.287
60	492	-.437	.121	-.072	-.934
60	493	-.439	.116	-.076	-.906
60	494	-.426	.102	-.105	-.830
60	495	-.438	.091	-.052	-.800
60	496	-.280	.073	.082	-.536
60	497	-.182	.082	.139	-.491
60	498	-.336	.146	.142	-1.004
60	499	-.489	.168	.136	-1.409
60	801	-.011	.075	.354	-.424
60	802	.046	.066	.324	-.287
60	803	.039	.065	.334	-.233
60	804	.040	.067	.345	-.257
60	805	-.517	.116	-.219	-1.120
60	806	-.441	.112	-.162	-.977
60	807	-.429	.112	-.126	-1.027
60	808	-.400	.099	-.114	-1.058

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	901	-.602	.187	-.010	-1.929
60	902	-.710	.147	-.294	-1.498
60	903	-.551	.172	-.019	-1.410
60	904	-.666	.181	-.091	-1.682
60	905	-.781	.199	-.150	-1.888
60	906	-.684	.127	-.095	-1.190
60	907	-.577	.166	.259	-1.354
60	908	-.736	.152	.146	-1.369
60	909	-.470	.204	.215	-1.334
60	910	-.581	.142	.206	-1.645
60	911	-.610	.115	.093	-1.049
60	912	-.378	.140	.972	-.019
60	913	-.436	.149	1.132	.056
60	914	-.435	.143	1.289	-.231
60	915	-.470	.138	1.337	-.126
60	916	-.247	.152	.246	-.806
60	917	-.478	.193	.285	-1.193
60	918	-.373	.119	.091	-.751
60	919	-.243	.139	.354	-.883
60	920	-.555	.198	.109	-1.643
60	921	-.409	.172	.261	-1.300
60	922	-.320	.114	.070	-1.066
60	923	-.547	.175	.127	-1.649
60	924	-.554	.126	.157	-1.666
60	925	-.574	.146	.070	-1.291
60	926	-.453	.168	.176	-1.138
60	927	-.427	.068	.221	-.701
60	928	-.341	.066	.116	-.607
60	929	-.341	.062	.090	-.605
60	930	-.314	.054	.118	-.536
70	1	.141	.133	.699	-.311
70	2	-.245	.093	.061	-.731
70	3	-.263	.187	.293	-1.005
70	4	-.306	.157	.147	-1.138
70	101	-.264	.092	.096	-.624
70	102	-.151	.090	.207	-.434
70	103	-.122	.126	.424	-.478
70	104	.043	.136	.676	-.477
70	105	.047	.180	.749	-.797
70	106	.336	.159	.936	-.158
70	107	.276	.188	.911	-.289
70	108	.225	.164	.805	-.257
70	109	.089	.144	.695	-.366
70	110	-.215	.094	.111	-.572
70	111	-.529	.205	.150	-1.324
70	112	-.292	.107	.157	-.748
70	113	-.110	.108	.251	-.530
70	114	.220	.131	.754	-.292
70	115	.147	.179	.962	-.446
70	116	.133	.140	.745	-.289

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	117	-.015	.123	.465	-.371
70	118	-.160	.093	.196	-.508
70	119	-.600	.125	-.286	-1.614
70	120	-.506	.119	-.201	-1.299
70	121	-.534	.138	-.107	-1.494
70	122	-.525	.137	-.014	-1.310
70	123	-.620	.181	.012	-1.532
70	124	-.152	.093	.203	-.521
70	125	.016	.108	.517	-.398
70	126	.274	.125	.796	-.110
70	127	.375	.188	1.199	-.534
70	128	.372	.226	1.246	-.613
70	129	.592	.183	1.246	.025
70	130	.616	.175	1.141	.143
70	131	.543	.206	1.323	.017
70	132	.433	.178	1.090	-.064
70	133	.268	.147	.811	-.146
70	134	.178	.157	.791	-.329
70	135	.388	.196	1.134	-.194
70	136	.368	.175	1.018	-.119
70	137	.547	.184	1.150	-.100
70	138	.369	.195	1.074	-.430
70	139	.267	.179	.933	-.328
70	140	.079	.132	.632	-.376
70	141	-.135	.104	.269	-.555
70	142	-.491	.096	-.241	-1.292
70	143	-.586	.116	-.284	-1.508
70	144	-.505	.127	-.176	-1.414
70	145	-.522	.150	.039	-1.227
70	146	-.550	.156	-.110	-1.343
70	147	-.209	.111	.169	-.737
70	148	.042	.107	.456	-.429
70	149	.314	.126	.736	-.068
70	150	.425	.159	.856	-.257
70	151	.341	.224	.964	-.572
70	152	.584	.175	1.186	.090
70	153	.618	.189	1.348	.157
70	154	.602	.181	1.223	.189
70	155	.511	.197	1.257	.075
70	156	.505	.175	1.161	.113
70	157	.447	.177	1.166	-.029
70	158	.551	.178	1.097	.058
70	159	.468	.205	1.209	-.071
70	160	.588	.192	1.225	.008
70	161	.246	.198	1.025	-.467
70	162	.255	.134	.757	-.119
70	163	-.074	.118	.382	-.584
70	164	-.192	.093	.196	-.707
70	165	-.482	.100	-.175	-1.013
70	166	-.493	.091	-.211	-.972

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	167	-.600	.126	-.097	-1.396
70	168	-.543	.147	.008	-1.653
70	169	-.563	.175	.018	-1.767
70	170	-.165	.102	.285	-.694
70	171	-.033	.112	.588	-.548
70	172	.314	.116	.968	-.070
70	173	.430	.167	1.030	-.258
70	174	.396	.182	1.016	-.308
70	175	.572	.176	1.150	.122
70	176	.604	.183	1.152	.160
70	177	.613	.179	1.275	.120
70	178	.560	.151	1.077	.147
70	179	.529	.157	1.050	.113
70	180	.483	.155	1.025	.077
70	181	.528	.176	1.097	.067
70	182	.494	.158	1.028	.091
70	183	.553	.181	1.174	.011
70	184	.138	.158	.842	-.326
70	185	.211	.131	.693	-.196
70	186	-.051	.089	.312	-.332
70	187	-.289	.099	.098	-.685
70	188	-.682	.148	-.318	-1.306
70	189	-.663	.148	-.220	-1.385
70	190	-.652	.147	-.278	-1.332
70	191	-.636	.188	.003	-1.658
70	192	-.675	.196	-.087	-1.469
70	193	.492	.177	1.307	-.116
70	194	.524	.171	1.216	.086
70	195	.538	.184	1.247	.091
70	196	.506	.183	1.201	.074
70	197	.386	.180	1.104	-.133
70	198	-.134	.106	.192	-.936
70	199	.027	.105	.388	-.535
70	200	.284	.109	.706	-.048
70	201	.407	.139	1.032	-.364
70	202	.384	.161	.990	-.424
70	203	.521	.158	1.174	.008
70	204	.541	.168	1.272	.138
70	205	.506	.176	1.398	.096
70	206	.475	.156	1.174	-.608
70	207	.267	.240	.927	-.842
70	208	.095	.153	.723	-.474
70	209	.145	.119	.688	-.196
70	210	-.068	.084	.343	-.365
70	211	-.321	.103	.044	-.780
70	212	-.816	.170	-.321	-1.896
70	213	-.828	.181	-.381	-1.938
70	214	-.750	.169	-.181	-1.458
70	215	-.574	.195	.082	-1.399
70	216	-.571	.172	-.084	-1.342

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	217	.401	.173	.994	-.340
70	218	.434	.153	1.063	-.237
70	219	.349	.145	.970	-.013
70	220	.183	.108	.633	-.126
70	221	-.136	.089	.269	-.446
70	222	-.342	.085	.003	-.646
70	223	-.187	.119	.234	-.811
70	224	-.003	.100	.401	-.406
70	225	.232	.113	.734	-.135
70	226	.309	.111	.796	-.119
70	227	.291	.138	.820	-.514
70	228	.254	.121	.689	-.196
70	229	.243	.110	.765	-.345
70	230	.218	.077	.544	-.020
70	231	.163	.077	.471	-.065
70	232	.105	.075	.484	-.126
70	233	.079	.072	.387	-.186
70	234	.020	.062	.320	-.171
70	235	-.162	.079	.141	-.438
70	236	-.354	.093	-.040	-.721
70	237	-.774	.198	-.294	-1.532
70	238	-.743	.182	-.273	-1.547
70	239	-.524	.225	.106	-1.407
70	240	-.436	.151	.013	-1.181
70	241	-.477	.167	.050	-1.279
70	242	.133	.072	.489	-.129
70	243	.121	.081	.521	-.210
70	244	.115	.077	.477	-.162
70	245	.107	.084	.486	-.155
70	246	.131	.075	.518	-.082
70	247	-.263	.116	.197	-.818
70	248	-.021	.099	.401	-.365
70	249	.182	.096	.615	-.118
70	250	.212	.092	.568	-.106
70	251	.160	.104	.650	-.243
70	252	.115	.100	.450	-.369
70	253	.140	.088	.446	-.251
70	254	.125	.073	.396	-.123
70	255	.062	.094	.388	-.564
70	256	.087	.109	.445	-.496
70	257	.081	.082	.375	-.330
70	258	.138	.079	.492	-.106
70	259	.059	.093	.473	-.335
70	260	.121	.130	.584	-.482
70	261	-.061	.103	.408	-.522
70	262	-.021	.066	.327	-.314
70	263	-.174	.082	.177	-.554
70	264	-.218	.093	.145	-.590
70	265	-.469	.194	.100	-1.331
70	266	-.467	.176	.028	-1.208

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	267	-.299	.188	.344	-1.183
70	268	-.197	.115	.188	-.698
70	269	-.228	.112	.107	-.674
70	270	-.168	.099	.276	-.675
70	271	-.302	.134	.326	-.850
70	272	-.178	.112	.270	-.684
70	273	-.104	.100	.674	-.519
70	274	-.123	.084	.465	-.527
70	275	-.364	.142	.048	-1.091
70	276	-.244	.113	.066	-.979
70	277	-.105	.086	.271	-.417
70	278	.025	.078	.432	-.194
70	279	.177	.093	.592	-.087
70	280	.224	.082	.570	-.074
70	281	.216	.081	.494	-.045
70	282	.179	.074	.458	-.170
70	283	.154	.082	.543	-.169
70	284	.216	.095	.956	-.062
70	285	.234	.126	.835	-.116
70	286	.166	.101	.542	-.319
70	287	.179	.109	.689	-.144
70	288	.264	.122	.863	-.054
70	289	.234	.117	.800	-.095
70	290	.261	.131	.855	-.096
70	291	.103	.151	.804	-.507
70	292	.146	.112	.716	-.182
70	293	.071	.114	.546	-.246
70	294	-.001	.111	.437	-.359
70	295	-.342	.198	.269	-1.188
70	296	-.224	.196	.313	-1.226
70	297	.061	.120	.501	-.576
70	298	-.098	.071	.159	-.390
70	299	-.182	.082	.070	-.574
70	301	-.477	.136	-.036	-1.370
70	302	-.474	.114	-.126	-1.145
70	303	-.469	.120	-.095	-1.251
70	304	-.483	.120	-.099	-1.075
70	305	-.505	.127	-.096	-1.156
70	306	-.466	.088	-.165	-.883
70	307	-.454	.092	-.121	-.866
70	308	-.448	.085	-.101	-.784
70	309	-.452	.087	-.190	-.899
70	310	-.472	.085	-.095	-1.230
70	311	-.469	.089	-.213	-.841
70	312	-.469	.087	-.099	-.791
70	313	-.421	.086	-.130	-.773
70	314	-.395	.081	-.158	-1.147
70	315	-.392	.096	-.061	-.949
70	316	-.387	.090	-.123	-1.062
70	317	-.414	.099	-.092	-.878

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	318	-.435	.093	-.171	-.883
70	319	-.478	.137	-.043	-1.097
70	320	-.457	.121	.120	-1.071
70	321	-.493	.112	-.139	-1.227
70	322	-.513	.086	-.262	-.996
70	323	-.503	.099	-.225	-1.810
70	324	-.480	.121	-.065	-1.159
70	325	-.466	.116	-.143	-1.064
70	326	-.470	.091	-.221	-.919
70	327	-.489	.107	-.184	-.965
70	328	-.496	.120	-.184	-1.080
70	329	-.448	.091	-.161	-1.033
70	330	-.438	.075	-.140	-.871
70	331	-.417	.073	-.175	-.745
70	332	-.415	.072	-.191	-.703
70	333	-.412	.074	-.157	-.796
70	334	-.407	.063	-.194	-.627
70	335	-.392	.070	-.144	-.617
70	336	-.389	.068	-.162	-.617
70	337	-.396	.076	-.096	-.700
70	338	-.418	.081	-.174	-.858
70	339	-.406	.085	-.106	-.752
70	340	-.409	.091	-.112	-.798
70	341	-.424	.101	-.083	-1.006
70	342	-.485	.128	-.113	-1.465
70	343	-.469	.125	-.074	-1.325
70	344	-.460	.125	-.108	-1.628
70	345	-.450	.099	-.208	-1.073
70	346	-.454	.087	-.237	-.921
70	347	-.521	.116	-.157	-1.200
70	348	-.495	.104	-.146	-1.050
70	349	-.487	.095	-.233	-.892
70	350	-.521	.096	-.273	-.939
70	351	-.541	.120	-.238	-1.088
70	352	-.459	.087	-.184	-.881
70	353	-.423	.078	-.007	-.698
70	354	-.405	.064	-.124	-.650
70	355	-.400	.070	-.130	-.711
70	356	-.391	.067	-.157	-.775
70	357	-.386	.067	-.159	-.635
70	358	-.378	.060	-.187	-.591
70	359	-.385	.066	-.180	-.624
70	360	-.381	.076	-.123	-.723
70	361	-.421	.114	-.090	-1.254
70	362	-.416	.092	-.174	-.876
70	363	-.422	.118	-.079	-1.146
70	364	-.427	.129	-.022	-1.120
70	365	-.480	.179	-.034	-1.509
70	366	-.478	.136	-.040	-1.332
70	367	-.465	.154	-.133	-1.422

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	368	-.440	.135	-.099	-1.567
70	369	-.431	.127	-.108	-1.366
70	370	-.603	.142	-.187	-1.391
70	371	-.560	.138	-.137	-1.731
70	372	-.513	.104	-.173	-.992
70	373	-.537	.121	-.201	-1.229
70	374	-.582	.128	-.270	-1.309
70	375	-.530	.113	-.144	-.964
70	376	-.433	.090	-.122	-.758
70	377	-.405	.081	-.051	-.734
70	378	-.423	.066	-.188	-.676
70	379	-.464	.078	-.170	-.828
70	380	-.394	.066	-.137	-.692
70	381	-.376	.075	-.131	-.673
70	382	-.415	.067	-.193	-.665
70	383	-.430	.096	-.048	-.766
70	384	-.429	.126	-.107	-1.214
70	385	-.416	.117	.019	-1.176
70	386	-.447	.119	-.078	-1.204
70	387	-.496	.157	.004	-1.432
70	388	-.501	.206	.072	-1.920
70	389	-.491	.171	.125	-1.434
70	390	-.512	.157	-.180	-1.602
70	391	-.524	.171	-.178	-1.720
70	392	-.457	.157	-.163	-1.542
70	393	-.427	.083	-.153	-.724
70	394	-.442	.071	-.216	-.670
70	395	-.461	.082	-.199	-.722
70	396	-.416	.079	-.168	-.662
70	397	-.414	.096	-.008	-.901
70	398	-.592	.156	-.078	-1.314
70	399	-.614	.176	-.087	-1.416
70	400	-.549	.132	-.185	-1.131
70	401	-.554	.127	-.141	-1.494
70	402	-.592	.126	-.193	-1.375
70	403	-.550	.118	.048	-1.086
70	404	-.455	.103	.009	-.972
70	405	-.432	.098	-.056	-.929
70	406	-.445	.078	-.203	-.849
70	407	-.487	.095	-.108	-.904
70	408	-.433	.111	-.049	-1.048
70	409	-.417	.116	.012	-1.084
70	410	-.447	.117	-.063	-.913
70	411	-.498	.159	.035	-1.315
70	412	-.563	.192	.011	-1.832
70	413	-.497	.182	.135	-1.627
70	414	-.552	.167	-.165	-1.572
70	415	-.577	.201	-.196	-1.642
70	416	-.506	.186	-.158	-1.451
70	417	-.528	.128	-.137	-1.176

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	418	-.513	.111	.078	-1.018
70	419	-.505	.107	-.053	-1.036
70	420	-.472	.108	-.120	-.944
70	421	-.447	.151	.152	-1.274
70	422	-.485	.144	.052	-1.196
70	423	-.612	.215	-.027	-1.731
70	424	-.552	.198	-.021	-1.832
70	425	-.597	.241	.115	-1.822
70	426	-.517	.138	-.025	-1.235
70	427	-.550	.174	.006	-1.707
70	428	-.436	.138	.054	-1.136
70	429	-.429	.147	.187	-1.399
70	430	-.460	.115	.096	-.895
70	431	-.554	.131	-.100	-1.164
70	432	-.565	.165	-.178	-1.966
70	433	-.551	.170	-.156	-1.579
70	434	-.538	.132	-.178	-1.199
70	435	-.549	.158	-.048	-1.416
70	436	-.491	.144	-.037	-1.633
70	437	-.509	.181	.090	-1.427
70	438	-.531	.150	-.012	-1.207
70	439	-.651	.181	-.066	-1.900
70	440	-.642	.189	-.238	-1.782
70	441	-.648	.186	-.173	-1.614
70	442	-.581	.142	-.224	-1.480
70	443	-.583	.144	-.212	-1.564
70	444	-.488	.130	.107	-1.252
70	445	-.507	.126	-.051	-1.084
70	446	-.539	.121	.122	-1.161
70	447	-.315	.172	.159	-1.348
70	448	-.336	.187	.140	-1.623
70	449	-.290	.155	.216	-1.224
70	450	-.278	.107	.176	-1.101
70	451	-.289	.125	.206	-1.328
70	452	-.315	.126	.179	-.886
70	453	-.319	.120	.159	-.758
70	454	-.414	.117	.028	-.931
70	455	-.517	.150	.123	-1.196
70	456	-.570	.184	.134	-1.947
70	457	-.525	.134	.151	-1.172
70	458	-.492	.111	.171	-.960
70	459	-.513	.131	.152	-1.036
70	460	-.534	.141	.109	-1.302
70	461	-.544	.138	.164	-1.255
70	462	-.548	.121	.201	-1.257
70	463	-.582	.166	.102	-1.720
70	464	-.589	.169	.150	-1.552
70	465	-.482	.117	.185	-.992
70	466	-.422	.091	.169	-.863
70	467	-.424	.141	.107	-1.229

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	468	-.684	.181	-.168	-1.474
70	469	-.704	.199	-.221	-1.855
70	470	-.282	.139	.058	-1.244
70	471	-.606	.184	-.044	-1.396
70	472	-.693	.191	-.221	-1.545
70	473	-.194	.095	.198	-.668
70	474	-.183	.076	.124	-.505
70	475	-.541	.171	.017	-1.346
70	476	-.604	.178	-.096	-1.917
70	477	-.168	.081	.148	-1.050
70	478	-.180	.072	.051	-.858
70	479	-.166	.079	.143	-.586
70	480	-.198	.110	.154	-1.143
70	481	-.225	.133	.123	-1.525
70	482	-.205	.096	.105	-.729
70	483	-.195	.106	.202	-.689
70	484	-.244	.136	.284	-1.088
70	485	-.337	.153	.243	-1.059
70	486	-.452	.208	.260	-1.466
70	487	-.472	.142	.049	-1.252
70	488	-.433	.133	.102	-1.138
70	489	-.473	.134	-.079	-1.302
70	490	-.517	.119	-.185	-1.158
70	491	-.495	.136	-.102	-1.355
70	492	-.494	.134	-.082	-1.100
70	493	-.514	.138	-.194	-1.235
70	494	-.519	.123	-.232	-1.110
70	495	-.415	.094	-.181	-.804
70	496	-.338	.078	-.087	-.759
70	497	-.250	.100	.054	-.695
70	498	-.494	.158	-.051	-1.173
70	499	-.520	.168	.004	-1.348
70	801	.068	.085	.461	-.201
70	802	.118	.082	.527	-.107
70	803	.123	.075	.423	-.107
70	804	.133	.078	.568	-.089
70	805	-.477	.129	-.075	-1.344
70	806	-.497	.127	-.096	-1.504
70	807	-.503	.138	-.047	-1.606
70	808	-.476	.125	.112	-1.291
70	901	-.494	.100	-.168	-1.129
70	902	-.711	.149	-.320	-1.242
70	903	-.499	.095	-.219	-1.151
70	904	-.476	.097	-.199	-1.198
70	905	-.762	.197	-.334	-1.636
70	906	-.664	.121	-.263	-1.161
70	907	-.503	.092	-.223	-1.217
70	908	-.604	.132	-.172	-1.162
70	909	-.519	.144	-.166	-1.179
70	910	-.552	.103	-.266	-1.023
70	911	-.639	.104	-.314	-1.119
70	912	-.452	.175	1.100	-.024
70	913	-.503	.180	1.401	-.015
70	914	-.462	.181	1.111	-.019
70	915	-.486	.174	1.079	-.104
70	916	-.321	.152	.210	-.830
70	917	-.568	.140	.060	-1.411
70	918	-.446	.096	-.006	-.823
70	919	-.268	.143	.264	-.967
70	920	-.584	.139	-.211	-1.452
70	921	-.521	.147	-.095	-1.411
70	922	-.373	.112	.035	-.852
70	923	-.575	.121	-.174	-1.121
70	924	-.582	.110	-.117	-1.005
70	925	-.569	.133	.166	-1.139
70	926	-.520	.126	-.101	-1.124
70	927	-.389	.079	-.131	-.788
70	928	-.390	.081	-.118	-.750
70	929	-.388	.076	-.142	-.736
70	930	-.371	.066	-.160	-.659
80	1	.168	.138	.701	-.291
80	2	-.259	.099	.024	-.726
80	3	-.320	.192	.256	-1.080
80	4	-.339	.164	.139	-1.065
80	101	-.266	.111	.149	-.673
80	102	-.122	.104	.232	-.473
80	103	-.025	.131	.472	-.382
80	104	.075	.151	.639	-.674
80	105	.132	.155	.641	-.534
80	106	.266	.168	.706	-.312
80	107	.222	.164	.703	-.223
80	108	.109	.145	.593	-.370
80	109	-.029	.129	.406	-.385
80	110	-.286	.096	.085	-.641
80	111	-.617	.199	.036	-1.362
80	112	-.322	.120	.194	-.755
80	113	-.200	.117	.422	-.823
80	114	.184	.145	.807	-.301
80	115	.020	.174	.576	-.679
80	116	-.004	.126	.415	-.506
80	117	-.145	.102	.215	-.472
80	118	-.264	.076	-.011	-.559
80	119	-.502	.094	-.239	-.929
80	120	-.489	.095	-.218	-.925
80	121	-.509	.114	-.164	-1.207
80	122	-.528	.121	-.207	-1.370
80	123	-.554	.152	-.173	-1.632
80	124	-.144	.122	.388	-.575
80	125	.042	.133	.523	-.369
80	126	.313	.148	.867	-.129
80	127	.412	.184	1.105	-.391
80	128	.457	.202	1.152	-.492
80	129	.524	.229	1.246	-.381
80	130	.513	.195	1.164	-.110
80	131	.407	.190	1.066	-.116
80	132	.267	.161	.807	-.172
80	133	.164	.135	.696	-.337
80	134	.018	.142	.515	-.480
80	135	.289	.190	.976	-.282
80	136	.237	.172	.931	-.370
80	137	.511	.198	1.159	-.089
80	138	.177	.186	.777	-.513
80	139	.129	.144	.619	-.334
80	140	-.040	.106	.365	-.354
80	141	-.225	.082	.117	-.541
80	142	-.464	.081	-.230	-.913
80	143	-.513	.091	-.243	-1.053
80	144	-.476	.101	-.188	-.911
80	145	-.513	.121	-.194	-1.275
80	146	-.533	.127	-.232	-1.494
80	147	-.193	.125	.258	-.656
80	148	.063	.120	.611	-.354
80	149	.392	.154	.883	-.066
80	150	.525	.159	1.039	-.016
80	151	.478	.195	1.098	-.289
80	152	.572	.202	1.346	-.147
80	153	.569	.205	1.241	-.223
80	154	.526	.180	1.118	-.088
80	155	.386	.178	.998	-.032
80	156	.408	.169	1.003	-.008
80	157	.358	.169	.949	-.066
80	158	.529	.193	1.403	-.035
80	159	.349	.172	.937	-.078
80	160	.545	.197	1.403	-.004
80	161	.116	.172	1.034	-.595
80	162	.160	.113	.681	-.133
80	163	-.138	.089	.290	-.477
80	164	-.248	.076	.077	-.573
80	165	-.478	.101	-.203	-1.380
80	166	-.486	.093	-.239	-1.458
80	167	-.552	.111	-.241	-1.367
80	168	-.534	.126	-.202	-1.155
80	169	-.544	.139	.028	-1.419
80	170	-.180	.121	.228	-.662
80	171	.009	.126	.551	-.531
80	172	.362	.141	.931	-.107
80	173	.504	.160	1.142	-.363
80	174	.512	.162	1.094	-.281
80	175	.570	.195	1.233	-.351
80	176	.576	.192	1.175	-.402

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	177	.539	.176	1.259	.081
80	178	.483	.148	1.073	.100
80	179	.454	.153	1.058	.053
80	180	.400	.152	.915	-.004
80	181	.475	.158	1.058	.040
80	182	.427	.137	.901	.050
80	183	.534	.173	1.193	.055
80	184	.112	.163	.762	-.453
80	185	.168	.134	.705	-.178
80	186	-.074	.090	.318	-.401
80	187	-.300	.099	.081	-.685
80	188	-.679	.156	-.261	-1.403
80	189	-.693	.171	-.252	-1.486
80	190	-.652	.161	-.175	-1.358
80	191	-.601	.185	-.006	-1.432
80	192	-.627	.186	-.084	-1.394
80	193	.449	.167	1.048	-.029
80	194	.459	.156	1.007	.013
80	195	.490	.170	1.127	-.011
80	196	.452	.172	1.014	-.028
80	197	.463	.190	1.228	-.183
80	198	-.146	.114	.184	-.674
80	199	.045	.118	.436	-.391
80	200	.339	.135	.810	-.064
80	201	.462	.157	1.070	-.183
80	202	.468	.164	1.073	-.262
80	203	.527	.174	1.207	-.143
80	204	.529	.172	1.257	-.132
80	205	.494	.172	1.149	.035
80	206	.467	.149	1.010	-.060
80	207	.363	.190	1.103	-.805
80	208	.204	.175	.881	-.419
80	209	.171	.143	.918	-.260
80	210	-.044	.100	.417	-.422
80	211	-.305	.113	.214	-.715
80	212	-.850	.195	-.361	-1.544
80	213	-.899	.202	-.351	-1.738
80	214	-.726	.205	-.126	-1.426
80	215	-.526	.187	-.018	-1.300
80	216	-.534	.155	-.128	-1.206
80	217	.422	.181	1.142	-.401
80	218	.440	.148	1.038	-.124
80	219	.348	.134	.848	.001
80	220	.208	.118	.669	-.115
80	221	-.105	.103	.374	-.425
80	222	-.317	.093	.011	-.716
80	223	-.201	.117	.337	-.730
80	224	.000	.098	.451	-.371
80	225	.282	.124	.830	-.077
80	226	.373	.122	.958	-.001

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	227	.358	.140	.947	-.146
80	228	.268	.137	.696	-.587
80	229	.280	.102	.827	-.111
80	230	.244	.069	.523	.003
80	231	.184	.067	.483	-.077
80	232	.130	.062	.426	-.067
80	233	.100	.071	.391	-.118
80	234	.034	.062	.295	-.161
80	235	-.154	.081	.176	-.453
80	236	-.349	.098	-.018	-.757
80	237	-.791	.217	-.260	-1.987
80	238	-.752	.197	-.060	-1.819
80	239	-.477	.253	.346	-1.579
80	240	-.439	.169	.033	-1.231
80	241	-.476	.177	.040	-1.346
80	242	.157	.060	.370	-.032
80	243	.145	.067	.377	-.056
80	244	.141	.066	.388	-.077
80	245	.122	.078	.441	-.123
80	246	.152	.075	.525	-.088
80	247	-.303	.115	.123	-.771
80	248	.005	.106	.412	-.443
80	249	.271	.110	.683	-.109
80	250	.336	.117	.749	-.003
80	251	.286	.132	.805	-.231
80	252	.182	.107	.610	-.306
80	253	.191	.097	.593	-.269
80	254	.170	.081	.492	-.074
80	255	.104	.092	.431	-.552
80	256	.135	.096	.485	-.815
80	257	.131	.081	.396	-.162
80	258	.190	.085	.529	-.072
80	259	.110	.093	.581	-.206
80	260	.210	.129	.799	-.279
80	261	-.040	.093	.318	-.500
80	262	.008	.062	.258	-.238
80	263	-.168	.080	.135	-.425
80	264	-.221	.095	.151	-.579
80	265	-.460	.190	.061	-1.699
80	266	-.473	.173	.016	-1.224
80	267	-.383	.224	.296	-1.227
80	268	-.209	.134	.283	-.800
80	269	-.241	.125	.146	-.806
80	270	-.221	.090	.219	-.606
80	271	-.354	.148	.309	-.993
80	272	-.225	.135	.215	-.820
80	273	-.144	.092	.212	-.519
80	274	-.168	.079	.160	-.494
80	275	-.413	.148	.095	-1.140
80	276	-.280	.118	.170	-.852

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	277	-.162	.084	.178	-.456
80	278	.008	.077	.329	-.225
80	279	.219	.104	.767	-.071
80	280	.293	.102	.689	.008
80	281	.226	.103	.746	-.007
80	282	.226	.094	.583	-.125
80	283	.205	.099	.591	-.193
80	284	.230	.096	.728	-.024
80	285	.206	.100	.649	-.063
80	286	.186	.090	.617	-.189
80	287	.160	.103	.596	-.213
80	288	.223	.110	.748	-.071
80	289	.222	.117	.675	-.068
80	290	.261	.128	.758	-.045
80	291	.073	.164	.691	-.397
80	292	.130	.120	.654	-.164
80	293	.034	.117	.493	-.289
80	294	-.047	.117	.419	-.445
80	295	-.419	.206	.281	-1.316
80	296	-.287	.221	.362	-1.194
80	297	.070	.138	.554	-.694
80	298	-.098	.073	.143	-.364
80	299	-.189	.085	.077	-.522
80	301	-.515	.132	-.124	-1.587
80	302	-.512	.111	-.153	-1.240
80	303	-.499	.116	-.063	-1.469
80	304	-.499	.110	-.084	-1.046
80	305	-.519	.111	-.163	-1.113
80	306	-.507	.091	-.192	-.933
80	307	-.495	.098	-.152	-1.052
80	308	-.493	.096	-.177	-1.093
80	309	-.477	.099	-.182	-.960
80	310	-.495	.102	-.056	-.925
80	311	-.487	.104	-.156	-.894
80	312	-.483	.099	-.152	-.901
80	313	-.443	.097	-.082	-.778
80	314	-.423	.096	-.153	-.900
80	315	-.426	.115	-.112	-1.173
80	316	-.418	.108	-.063	-1.009
80	317	-.445	.120	-.055	-1.280
80	318	-.467	.112	-.136	-1.135
80	319	-.493	.169	-.121	-1.655
80	320	-.484	.156	-.188	-1.248
80	321	-.606	.162	-.049	-1.373
80	322	-.666	.156	-.340	-1.471
80	323	-.657	.194	-.287	-1.892
80	324	-.491	.103	-.037	-1.133
80	325	-.485	.100	-.198	-1.039
80	326	-.484	.081	-.256	-.886
80	327	-.482	.090	-.175	-.889

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	328	-.485	.096	-.152	-.983
80	329	-.462	.085	-.100	-.867
80	330	-.464	.077	-.190	-.799
80	331	-.452	.083	-.184	-.824
80	332	-.450	.083	-.191	-.880
80	333	-.456	.092	-.212	-1.050
80	334	-.457	.082	-.221	-.752
80	335	-.436	.087	-.163	-.771
80	336	-.435	.086	-.175	-.761
80	337	-.433	.090	-.189	-.811
80	338	-.467	.104	-.230	-1.118
80	339	-.445	.103	-.163	-.901
80	340	-.445	.115	-.128	-1.037
80	341	-.464	.126	-.096	-1.127
80	342	-.521	.162	.028	-1.365
80	343	-.507	.165	.190	-1.462
80	344	-.595	.180	-.114	-1.810
80	345	-.607	.181	-.189	-1.652
80	346	-.608	.162	-.258	-1.492
80	347	-.516	.103	-.159	-.999
80	348	-.491	.093	-.170	-.875
80	349	-.479	.086	-.230	-.857
80	350	-.502	.084	-.270	-.822
80	351	-.512	.103	-.224	-.992
80	352	-.451	.084	-.051	-.765
80	353	-.441	.085	-.045	-.804
80	354	-.436	.074	-.037	-.702
80	355	-.440	.082	-.168	-.831
80	356	-.443	.089	-.175	-.925
80	357	-.446	.086	-.202	-.774
80	358	-.429	.076	-.195	-.716
80	359	-.440	.084	-.212	-.782
80	360	-.422	.095	-.152	-.840
80	361	-.469	.142	-.156	-1.645
80	362	-.460	.116	-.127	-1.116
80	363	-.459	.149	.060	-1.324
80	364	-.466	.161	.097	-1.416
80	365	-.530	.230	.134	-1.970
80	366	-.532	.184	-.012	-1.454
80	367	-.609	.231	.067	-1.925
80	368	-.616	.231	-.154	-1.665
80	369	-.585	.207	-.184	-1.494
80	370	-.606	.152	-.160	-1.344
80	371	-.562	.144	-.117	-1.171
80	372	-.523	.109	-.161	-1.007
80	373	-.506	.106	-.181	-1.023
80	374	-.547	.109	-.242	-1.130
80	375	-.513	.107	-.163	-.976
80	376	-.424	.093	-.115	-.843
80	377	-.421	.093	-.096	-.853
80	378	-.460	.080	-.199	-.721
80	379	-.506	.102	-.168	-1.057
80	380	-.442	.093	-.178	-.891
80	381	-.388	.090	-.031	-.690
80	382	-.443	.085	-.199	-.803
80	383	-.438	.113	-.009	-.927
80	384	-.460	.167	-.074	-1.241
80	385	-.415	.135	.019	-1.133
80	386	-.444	.135	-.071	-1.151
80	387	-.490	.176	.045	-1.481
80	388	-.493	.228	.089	-2.055
80	389	-.503	.222	.154	-1.763
80	390	-.641	.223	-.158	-2.046
80	391	-.702	.265	-.129	-1.816
80	392	-.622	.244	-.107	-1.601
80	393	-.456	.101	-.158	-.858
80	394	-.480	.090	-.224	-.849
80	395	-.491	.099	-.176	-.911
80	396	-.450	.098	-.160	-.868
80	397	-.423	.130	.229	-.960
80	398	-.561	.146	-.101	-1.343
80	399	-.584	.168	-.074	-1.335
80	400	-.531	.136	-.180	-1.226
80	401	-.561	.139	-.148	-2.028
80	402	-.610	.144	-.142	-1.821
80	403	-.550	.132	-.022	-1.189
80	404	-.449	.121	.084	-.997
80	405	-.430	.115	.024	-.905
80	406	-.469	.091	-.211	-.859
80	407	-.525	.117	-.199	-1.033
80	408	-.458	.138	-.095	-1.060
80	409	-.434	.149	-.018	-1.113
80	410	-.457	.148	-.042	-1.304
80	411	-.502	.193	.100	-1.548
80	412	-.505	.227	.074	-1.732
80	413	-.528	.230	.134	-1.723
80	414	-.664	.208	-.191	-1.944
80	415	-.705	.243	-.183	-2.177
80	416	-.623	.222	-.173	-1.974
80	417	-.498	.156	.059	-1.283
80	418	-.477	.143	.142	-1.105
80	419	-.511	.130	-.111	-1.122
80	420	-.502	.148	-.069	-1.173
80	421	-.470	.184	.049	-1.938
80	422	-.512	.172	-.040	-1.788
80	423	-.626	.255	.134	-2.497
80	424	-.570	.239	.039	-1.979
80	425	-.615	.265	.144	-1.965
80	426	-.531	.165	-.073	-1.204
80	427	-.572	.221	.025	-1.792
80	428	-.434	.166	.127	-1.284
80	429	-.407	.164	.479	-1.250
80	430	-.468	.117	.172	-.959
80	431	-.581	.137	-.098	-1.210
80	432	-.603	.177	-.200	-1.871
80	433	-.612	.191	-.216	-1.623
80	434	-.597	.157	-.222	-1.624
80	435	-.601	.185	-.046	-1.777
80	436	-.540	.167	-.047	-1.604
80	437	-.525	.197	.164	-1.805
80	438	-.554	.174	.034	-1.391
80	439	-.753	.234	-.043	-2.190
80	440	-.777	.212	-.309	-2.428
80	441	-.775	.208	-.241	-1.840
80	442	-.627	.155	-.250	-1.504
80	443	-.626	.162	-.168	-1.668
80	444	-.523	.149	.112	-1.138
80	445	-.532	.142	.022	-1.235
80	446	-.564	.142	-.014	-1.314
80	447	-.354	.185	.205	-1.343
80	448	-.297	.189	.213	-1.783
80	449	-.322	.185	.240	-1.497
80	450	-.280	.118	.213	-.885
80	451	-.302	.141	.284	-1.132
80	452	-.343	.162	.290	-1.200
80	453	-.345	.139	.381	-1.102
80	454	-.457	.125	.034	-1.020
80	455	-.587	.167	-.050	-1.452
80	456	-.646	.214	.161	-1.999
80	457	-.589	.151	-.250	-1.306
80	458	-.546	.123	-.252	-1.145
80	459	-.577	.145	-.216	-1.306
80	460	-.603	.155	-.206	-1.413
80	461	-.630	.167	-.155	-1.643
80	462	-.628	.147	-.238	-1.378
80	463	-.670	.202	-.050	-2.152
80	464	-.675	.211	-.105	-2.252
80	465	-.541	.139	-.190	-1.155
80	466	-.472	.116	-.150	-1.113
80	467	-.558	.192	-.038	-1.568
80	468	-.832	.192	-.150	-1.812
80	469	-.828	.196	-.363	-2.498
80	470	-.303	.156	.087	-1.340
80	471	-.759	.192	-.138	-1.911
80	472	-.796	.200	-.295	-2.070
80	473	-.203	.106	.286	-.719
80	474	-.181	.085	.215	-.545
80	475	-.736	.189	-.172	-1.690
80	476	-.750	.190	-.246	-2.044
80	477	-.165	.092	.233	-.474

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	478	-.175	.082	.173	-.487
80	479	-.162	.083	.161	-.622
80	480	-.193	.114	.189	-1.225
80	481	-.205	.115	.095	-1.255
80	482	-.206	.102	.199	-.785
80	483	-.210	.112	.314	-.796
80	484	-.269	.131	.248	-.943
80	485	-.387	.164	.339	-1.151
80	486	-.519	.217	.403	-1.517
80	487	-.534	.157	-.003	-1.310
80	488	-.489	.146	-.056	-1.218
80	489	-.537	.148	-.070	-1.495
80	490	-.582	.134	-.262	-1.257
80	491	-.569	.150	-.172	-1.772
80	492	-.566	.152	-.087	-1.396
80	493	-.584	.161	-.028	-1.359
80	494	-.585	.144	-.120	-1.261
80	495	-.474	.114	-.080	-.974
80	496	-.392	.096	-.115	-.769
80	497	-.397	.160	.175	-1.061
80	498	-.705	.170	-.178	-1.550
80	499	-.717	.185	-.094	-1.660
80	801	.101	.083	.403	-.206
80	802	.145	.080	.431	-.181
80	803	.154	.080	.415	-.085
80	804	.157	.077	.443	-.072
80	805	-.537	.140	-.054	-1.352
80	806	-.553	.137	-.211	-1.225
80	807	-.555	.145	-.171	-1.416
80	808	-.526	.129	-.085	-1.389
80	901	-.531	.101	-.194	-1.132
80	902	-.798	.165	-.289	-1.446
80	903	-.517	.097	-.180	-1.034
80	904	-.503	.095	-.154	-.909
80	905	-.880	.229	-.007	-1.787
80	906	-.722	.133	-.333	-1.262
80	907	-.506	.101	-.222	-1.031
80	908	-.670	.156	-.084	-1.310
80	909	-.514	.139	.128	-1.195
80	910	-.595	.116	-.259	-1.340
80	911	-.706	.113	-.303	-1.124
80	912	.417	.180	1.139	-.124
80	913	.481	.179	1.244	.006
80	914	.435	.175	1.083	-.148
80	915	.470	.164	1.080	.063
80	916	-.388	.155	.254	-.913
80	917	-.551	.137	-.167	-1.124
80	918	-.477	.114	.011	-1.190
80	919	-.246	.147	.286	-.901
80	920	-.591	.147	-.161	-1.316

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	921	-.559	.137	-.097	-1.139
80	922	-.452	.127	-.018	-1.114
80	923	-.609	.107	-.252	-1.074
80	924	-.659	.119	-.274	-1.304
80	925	-.520	.173	.190	-1.139
80	926	-.549	.122	-.047	-1.146
80	927	-.456	.109	-.154	-1.014
80	928	-.457	.115	-.155	-1.050
80	929	-.429	.092	-.164	-.795
80	930	-.402	.080	-.173	-.692
90	1	.178	.147	.759	-.279
90	2	-.245	.103	.070	-.647
90	3	-.344	.184	.256	-1.254
90	4	-.331	.163	.083	-.976
90	101	-.230	.136	.360	-.751
90	102	-.062	.119	.571	-.458
90	103	.014	.143	.681	-.532
90	104	.101	.157	.764	-.540
90	105	.157	.162	.791	-.361
90	106	.089	.212	.687	-.796
90	107	.095	.168	.639	-.682
90	108	-.001	.125	.457	-.451
90	109	-.150	.102	.190	-.473
90	110	-.342	.088	.000	-.717
90	111	-.760	.182	-.108	-1.417
90	112	-.340	.118	.151	-.729
90	113	-.327	.119	.123	-.797
90	114	.161	.149	.659	-.254
90	115	-.114	.167	.541	-.791
90	116	-.110	.105	.321	-.430
90	117	-.247	.090	.102	-.554
90	118	-.341	.070	-.067	-.596
90	119	-.493	.092	-.227	-.882
90	120	-.491	.093	-.226	-.872
90	121	-.496	.105	-.195	-1.256
90	122	-.499	.099	-.214	-1.029
90	123	-.509	.126	-.150	-1.169
90	124	-.103	.145	.513	-.645
90	125	.153	.154	.793	-.350
90	126	.442	.165	1.141	-.095
90	127	.543	.204	1.365	-.105
90	128	.527	.210	1.321	-.179
90	129	.334	.281	1.078	-.563
90	130	.355	.224	.962	-.426
90	131	.301	.171	.868	-.131
90	132	.136	.138	.616	-.236
90	133	.040	.110	.438	-.320
90	134	-.166	.116	.212	-.677
90	135	.235	.176	.940	-.215
90	136	.064	.143	.604	-.446

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	137	.444	.199	1.094	-.125
90	138	-.011	.164	.610	-.775
90	139	.049	.121	.497	-.283
90	140	-.143	.085	.204	-.427
90	141	-.291	.067	-.039	-.526
90	142	-.437	.067	-.214	-.714
90	143	-.436	.076	-.178	-.742
90	144	-.452	.079	-.177	-.863
90	145	-.490	.090	-.250	-.936
90	146	-.496	.090	-.258	-1.117
90	147	-.098	.155	.560	-.637
90	148	.142	.142	.754	-.299
90	149	.472	.167	1.129	-.083
90	150	.572	.166	1.176	-.063
90	151	.579	.192	1.306	-.136
90	152	.447	.258	1.302	-.519
90	153	.461	.242	1.173	-.698
90	154	.421	.165	.959	-.146
90	155	.339	.157	.835	-.087
90	156	.302	.147	.745	-.100
90	157	.232	.133	.661	-.225
90	158	.393	.151	.931	-.005
90	159	.286	.148	.770	-.115
90	160	.537	.197	1.199	.036
90	161	-.031	.156	.571	-.570
90	162	.059	.100	.424	-.219
90	163	-.149	.081	.203	-.385
90	164	-.295	.070	-.037	-.539
90	165	-.457	.080	-.234	-.962
90	166	-.460	.072	-.256	-.901
90	167	-.473	.089	-.187	-1.130
90	168	-.529	.103	-.170	-1.148
90	169	-.534	.118	-.065	-1.284
90	170	-.158	.143	.347	-.647
90	171	.110	.149	.693	-.329
90	172	.418	.157	.991	.019
90	173	.524	.177	1.246	.101
90	174	.536	.170	1.179	.140
90	175	.460	.243	1.275	-.713
90	176	.463	.218	1.252	-.563
90	177	.431	.174	1.005	-.039
90	178	.365	.140	.818	.027
90	179	.338	.145	.822	-.018
90	180	.260	.141	.717	-.231
90	181	.382	.159	.986	.012
90	182	.310	.135	.844	-.068
90	183	.495	.189	1.210	.042
90	184	.021	.147	.546	-.443
90	185	.104	.118	.561	-.331
90	186	-.117	.085	.204	-.462

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	187	-.330	.097	.025	-.754
90	188	-.660	.138	-.255	-1.433
90	189	-.665	.146	-.271	-1.336
90	190	-.632	.138	-.200	-1.203
90	191	-.615	.174	-.056	-1.382
90	192	-.644	.176	-.182	-1.413
90	193	.351	.153	.868	-.070
90	194	.343	.142	.818	-.070
90	195	.405	.153	.970	-.020
90	196	.337	.153	.893	-.131
90	197	.445	.173	1.275	-.063
90	198	-.140	.124	.350	-.608
90	199	.077	.127	.687	-.354
90	200	.389	.140	.983	.043
90	201	.503	.154	1.089	.101
90	202	.516	.149	1.080	.043
90	203	.464	.219	1.194	-.401
90	204	.466	.193	1.152	-.463
90	205	.440	.169	1.075	.016
90	206	.406	.142	.896	.046
90	207	.315	.164	.870	-.468
90	208	.180	.160	.773	-.375
90	209	.130	.126	.735	-.215
90	210	-.070	.099	.390	-.369
90	211	-.312	.118	.241	-.773
90	212	-.785	.175	-.270	-1.604
90	213	-.790	.182	-.263	-2.040
90	214	-.689	.183	-.072	-1.330
90	215	-.520	.205	.196	-1.418
90	216	-.519	.182	.104	-1.609
90	217	.378	.214	1.056	-.623
90	218	.399	.165	.924	-.443
90	219	.300	.120	.713	-.042
90	220	.156	.100	.519	-.165
90	221	-.136	.105	.431	-.454
90	222	-.331	.096	.069	-.778
90	223	-.180	.120	.339	-.751
90	224	.039	.096	.485	-.309
90	225	.343	.128	.880	-.044
90	226	.442	.135	.936	.098
90	227	.422	.153	1.063	-.004
90	228	.243	.177	.788	-.531
90	229	.257	.150	.839	-.577
90	230	.229	.090	.634	-.039
90	231	.163	.081	.518	-.108
90	232	.108	.072	.390	-.136
90	233	.090	.077	.337	-.191
90	234	.026	.064	.338	-.178
90	235	-.170	.082	.199	-.475
90	236	-.362	.104	-.013	-.734

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	237	-.720	.193	-.186	-1.980
90	238	-.692	.174	-.162	-1.907
90	239	-.595	.247	.165	-1.653
90	240	-.454	.190	.045	-1.372
90	241	-.440	.195	.130	-1.329
90	242	.141	.067	.397	-.046
90	243	.130	.073	.399	-.099
90	244	.129	.074	.419	-.087
90	245	.118	.073	.376	-.095
90	246	.155	.081	.631	-.070
90	247	-.299	.110	.206	-.757
90	248	.018	.093	.385	-.429
90	249	.313	.111	.751	-.099
90	250	.399	.129	.910	.091
90	251	.343	.147	1.001	-.073
90	252	.152	.130	.605	-.811
90	253	.209	.094	.558	-.299
90	254	.173	.076	.486	-.076
90	255	.109	.085	.444	-.152
90	256	.152	.080	.470	-.095
90	257	.124	.080	.406	-.111
90	258	.179	.089	.496	-.066
90	259	.093	.089	.461	-.177
90	260	.250	.123	.702	-.121
90	261	-.027	.085	.266	-.504
90	262	.017	.063	.234	-.173
90	263	-.171	.079	.102	-.412
90	264	-.235	.095	.094	-.566
90	265	-.465	.169	.078	-1.260
90	266	-.478	.157	.009	-1.214
90	267	-.444	.213	.282	-1.507
90	268	-.192	.133	.284	-.794
90	269	-.222	.130	.193	-.777
90	270	-.218	.087	.229	-.572
90	271	-.380	.140	.054	-1.033
90	272	-.269	.125	.162	-.752
90	273	-.144	.084	.280	-.517
90	274	-.169	.078	.147	-.442
90	275	-.421	.150	.112	-1.043
90	276	-.284	.127	.165	-.928
90	277	-.164	.080	.249	-.454
90	278	.008	.063	.333	-.180
90	279	.248	.099	.877	-.017
90	280	.339	.104	.788	.030
90	281	.323	.106	.850	.034
90	282	.220	.097	.619	-.190
90	283	.197	.095	.624	-.136
90	284	.200	.085	.546	-.090
90	285	.174	.088	.488	-.101
90	286	.171	.084	.447	-.088

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	287	.123	.094	.439	-.167
90	288	.181	.091	.529	-.097
90	289	.169	.088	.544	-.116
90	290	.223	.102	.706	-.018
90	291	.002	.120	.527	-.445
90	292	.080	.091	.455	-.200
90	293	-.034	.104	.334	-.331
90	294	-.118	.108	.246	-.492
90	295	-.487	.212	.165	-1.453
90	296	-.395	.235	.399	-1.593
90	297	.019	.152	.425	-.799
90	298	-.107	.077	.161	-.337
90	299	-.195	.092	.127	-.504
90	301	-.490	.105	.058	-1.112
90	302	-.488	.090	-.056	-.960
90	303	-.479	.095	-.108	-.944
90	304	-.470	.095	-.191	-.876
90	305	-.465	.093	-.195	-.899
90	306	-.464	.088	-.208	-1.021
90	307	-.457	.100	-.150	-1.254
90	308	-.443	.106	-.074	-1.171
90	309	-.460	.109	-.135	-.938
90	310	-.456	.112	-.038	-.989
90	311	-.459	.117	.039	-1.010
90	312	-.458	.106	-.105	-.890
90	313	-.414	.100	-.110	-.799
90	314	-.409	.093	-.096	-.825
90	315	-.411	.109	-.119	-1.000
90	316	-.401	.104	-.093	-1.009
90	317	-.410	.116	.041	-1.040
90	318	-.427	.108	-.131	-1.082
90	319	-.427	.145	.074	-1.152
90	320	-.410	.159	.031	-1.192
90	321	-.558	.218	-.005	-1.739
90	322	-.766	.195	-.190	-1.621
90	323	-.812	.255	-.236	-2.072
90	324	-.463	.084	-.198	-.831
90	325	-.458	.073	-.226	-.736
90	326	-.458	.063	-.222	-.684
90	327	-.458	.074	-.213	-.742
90	328	-.456	.077	-.220	-.808
90	329	-.457	.086	-.116	-.917
90	330	-.459	.077	-.143	-.799
90	331	-.453	.087	-.185	-.779
90	332	-.439	.084	-.173	-.794
90	333	-.426	.083	-.221	-.855
90	334	-.421	.077	-.197	-.794
90	335	-.407	.083	-.152	-.811
90	336	-.410	.083	-.152	-.803
90	337	-.415	.086	-.154	-.848

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	338	-.434	.087	-.190	-.893
90	339	-.416	.096	-.089	-.825
90	340	-.411	.109	-.009	-.892
90	341	-.428	.121	-.024	-1.024
90	342	-.428	.149	.068	-1.232
90	343	-.415	.184	.121	-1.287
90	344	-.573	.284	.106	-1.761
90	345	-.792	.226	.174	-1.741
90	346	-.789	.194	-.241	-1.624
90	347	-.513	.088	-.199	-.937
90	348	-.486	.081	-.229	-.847
90	349	-.477	.075	-.249	-.873
90	350	-.493	.076	-.260	-.855
90	351	-.514	.105	-.203	-1.177
90	352	-.438	.083	-.037	-.798
90	353	-.424	.088	-.028	-.732
90	354	-.426	.078	-.161	-.757
90	355	-.440	.085	-.054	-.779
90	356	-.444	.091	-.149	-1.206
90	357	-.444	.087	-.165	-.843
90	358	-.401	.074	-.180	-.740
90	359	-.433	.085	-.173	-.849
90	360	-.379	.093	.005	-.920
90	361	-.443	.145	-.051	-1.518
90	362	-.415	.118	-.042	-1.127
90	363	-.406	.149	.111	-1.282
90	364	-.407	.156	.115	-1.389
90	365	-.426	.212	.102	-1.611
90	366	-.421	.205	.115	-1.403
90	367	-.588	.339	.205	-1.923
90	368	-.765	.231	.146	-1.963
90	369	-.775	.242	-.093	-1.836
90	370	-.617	.140	-.122	-1.188
90	371	-.577	.137	-.110	-1.184
90	372	-.540	.104	-.243	-1.082
90	373	-.548	.117	-.226	-1.142
90	374	-.619	.137	-.251	-1.302
90	375	-.508	.117	-.106	-1.112
90	376	-.390	.104	.089	-.826
90	377	-.379	.096	-.024	-.763
90	378	-.469	.085	-.217	-.895
90	379	-.528	.114	-.228	-1.091
90	380	-.478	.108	-.197	-.952
90	381	-.388	.090	-.036	-.723
90	382	-.471	.086	-.167	-.826
90	383	-.408	.115	-.087	-.912
90	384	-.476	.178	-.035	-1.573
90	385	-.389	.136	.012	-1.148
90	386	-.409	.134	.030	-1.210
90	387	-.445	.168	.049	-1.472
90	388	-.400	.213	.161	-1.853
90	389	-.428	.239	.171	-1.534
90	390	-.611	.295	.093	-1.751
90	391	-.805	.260	.169	-1.790
90	392	-.715	.228	-.019	-1.511
90	393	-.481	.100	-.131	-.902
90	394	-.514	.089	-.251	-.876
90	395	-.520	.100	-.228	-.928
90	396	-.478	.098	-.202	-.887
90	397	-.446	.136	-.189	-.963
90	398	-.545	.165	-.057	-1.344
90	399	-.563	.190	-.079	-1.798
90	400	-.511	.145	-.089	-1.354
90	401	-.594	.157	-.134	-1.450
90	402	-.692	.190	-.256	-1.722
90	403	-.515	.151	.140	-1.104
90	404	-.370	.145	.300	-.926
90	405	-.370	.126	.053	-.899
90	406	-.475	.093	-.025	-.918
90	407	-.567	.121	-.210	-1.371
90	408	-.473	.148	-.058	-1.222
90	409	-.429	.143	.046	-1.037
90	410	-.443	.141	.025	-1.081
90	411	-.482	.182	.111	-1.366
90	412	-.452	.209	.135	-1.743
90	413	-.491	.246	.296	-1.588
90	414	-.729	.261	-.020	-2.077
90	415	-.845	.237	-.231	-1.902
90	416	-.748	.212	-.192	-1.640
90	417	-.416	.174	.325	-1.196
90	418	-.382	.159	.350	-.953
90	419	-.551	.142	-.052	-1.208
90	420	-.522	.154	-.110	-1.843
90	421	-.471	.169	.102	-1.327
90	422	-.513	.156	.025	-1.278
90	423	-.554	.261	.225	-2.052
90	424	-.485	.232	.164	-1.539
90	425	-.524	.244	.033	-1.654
90	426	-.479	.153	.025	-1.165
90	427	-.518	.205	.095	-1.897
90	428	-.405	.150	.115	-1.016
90	429	-.391	.157	.337	-1.245
90	430	-.508	.118	-.009	-1.092
90	431	-.628	.143	-.226	-1.376
90	432	-.625	.173	-.269	-1.624
90	433	-.603	.178	-.162	-1.539
90	434	-.603	.151	-.183	-1.570
90	435	-.623	.185	-.052	-2.118
90	436	-.559	.173	-.061	-1.794
90	437	-.506	.180	.112	-1.552
90	438	-.525	.178	.075	-1.441
90	439	-.743	.291	.023	-2.134
90	440	-.831	.205	-.130	-1.938
90	441	-.835	.198	-.118	-1.959
90	442	-.619	.125	-.199	-1.491
90	443	-.623	.134	-.236	-1.502
90	444	-.530	.126	-.122	-1.369
90	445	-.559	.134	-.152	-1.140
90	446	-.609	.131	-.230	-1.205
90	447	-.342	.184	.143	-1.541
90	448	-.283	.185	.274	-1.181
90	449	-.322	.207	.298	-1.503
90	450	-.249	.120	.220	-.908
90	451	-.279	.140	.377	-1.099
90	452	-.342	.170	.235	-1.170
90	453	-.348	.141	.117	-.936
90	454	-.447	.128	.060	-1.023
90	455	-.588	.171	.027	-1.479
90	456	-.665	.202	.364	-2.069
90	457	-.693	.134	-.247	-1.380
90	458	-.540	.111	-.239	-1.209
90	459	-.581	.130	-.254	-1.357
90	460	-.612	.142	-.226	-1.486
90	461	-.626	.145	-.214	-1.364
90	462	-.623	.128	-.241	-1.153
90	463	-.649	.165	-.171	-1.576
90	464	-.643	.163	-.198	-1.520
90	465	-.545	.146	-.106	-1.310
90	466	-.467	.136	-.022	-1.179
90	467	-.626	.254	.108	-1.845
90	468	-.889	.208	-.110	-1.948
90	469	-.884	.206	-.000	-1.844
90	470	-.308	.175	.182	-1.313
90	471	-.799	.217	-.102	-2.001
90	472	-.787	.213	-.257	-1.881
90	473	-.185	.123	.223	-.715
90	474	-.158	.094	.168	-.630
90	475	-.811	.206	-.159	-1.888
90	476	-.793	.192	-.162	-1.755
90	477	-.153	.100	.204	-.593
90	478	-.161	.089	.150	-.557
90	479	-.137	.085	.136	-.539
90	480	-.165	.106	.192	-.761
90	481	-.170	.105	.230	-.724
90	482	-.187	.110	.145	-1.044
90	483	-.197	.118	.205	-.879
90	484	-.257	.131	.235	-.916
90	485	-.376	.161	.287	-1.105
90	486	-.521	.217	.178	-1.781
90	487	-.563	.149	-.039	-1.359

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	488	-.509	.137	.162	-1.322
90	489	-.551	.151	.004	-1.251
90	490	-.584	.135	-.194	-1.310
90	491	-.583	.148	-.102	-1.342
90	492	-.584	.150	-.098	-1.263
90	493	-.602	.155	-.165	-1.597
90	494	-.600	.138	-.213	-1.463
90	495	-.477	.115	-.135	-1.116
90	496	-.391	.113	-.055	-.904
90	497	-.475	.205	.171	-1.430
90	498	-.744	.189	-.204	-1.777
90	499	-.746	.201	-.185	-1.831
90	801	.083	.083	.378	-.169
90	802	.120	.077	.402	-.095
90	803	.135	.075	.457	-.082
90	804	.134	.069	.423	-.064
90	805	-.564	.134	-.050	-1.243
90	806	-.573	.135	-.202	-1.237
90	807	-.569	.146	-.219	-1.270
90	808	-.531	.127	-.133	-1.242
90	901	-.584	.117	-.207	-1.084
90	902	-.839	.169	-.287	-1.491
90	903	-.562	.113	-.246	-1.129
90	904	-.567	.105	-.244	-.946
90	905	-.946	.264	.083	-1.981
90	906	-.767	.150	-.360	-1.399
90	907	-.596	.106	-.248	-1.025
90	908	-.775	.163	-.272	-1.529
90	909	-.528	.130	-.029	-1.296
90	910	-.655	.138	-.271	-1.268
90	911	-.722	.123	-.310	-1.211
90	912	.330	.158	1.006	-.174
90	913	.415	.159	1.040	-.016
90	914	.311	.170	.829	-.632
90	915	.371	.151	.837	-.003
90	916	-.429	.150	.177	-1.158
90	917	-.507	.137	-.063	-1.120
90	918	-.519	.146	-.054	-1.299
90	919	-.282	.164	.244	-.795
90	920	-.614	.166	-.048	-1.395
90	921	-.469	.126	-.046	-1.111
90	922	-.497	.135	-.006	-.948
90	923	-.605	.106	-.238	-.977
90	924	-.688	.138	-.288	-1.535
90	925	-.385	.206	.218	-1.125
90	926	-.528	.114	-.059	-1.042
90	927	-.478	.100	-.157	-.915
90	928	-.472	.104	-.143	-.925
90	929	-.465	.094	-.153	-.952
90	930	-.427	.080	-.180	-.861

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	1	.113	.134	.663	-.352
100	2	-.240	.092	.055	-.564
100	3	-.330	.151	.083	-1.099
100	4	-.296	.144	.113	-.960
100	101	-.051	.160	.613	-.534
100	102	.063	.137	.635	-.338
100	103	.076	.154	.669	-.381
100	104	.109	.160	.751	-.424
100	105	.136	.169	.670	-.390
100	106	-.249	.219	.439	-.967
100	107	-.122	.257	.443	-1.155
100	108	-.097	.124	.302	-.873
100	109	-.223	.084	.046	-.524
100	110	-.343	.092	-.016	-.698
100	111	-.765	.192	.023	-1.526
100	112	-.383	.114	.208	-.738
100	113	-.504	.107	-.115	-.964
100	114	.178	.170	.734	-.296
100	115	-.289	.150	.350	-.892
100	116	-.205	.086	.178	-.479
100	117	-.301	.072	-.037	-.578
100	118	-.387	.060	-.196	-.635
100	119	-.489	.091	-.199	-.875
100	120	-.474	.091	-.186	-.845
100	121	-.471	.092	-.182	-.954
100	122	-.485	.080	-.226	-1.004
100	123	-.493	.096	-.178	-1.134
100	124	.111	.191	.866	-.396
100	125	.315	.168	.966	-.266
100	126	.494	.165	1.075	.040
100	127	.479	.202	1.166	-.063
100	128	.403	.216	1.108	-.202
100	129	-.048	.318	.844	-.959
100	130	.005	.329	.717	-.948
100	131	.113	.180	.646	-.966
100	132	-.001	.114	.381	-.531
100	133	-.076	.098	.349	-.423
100	134	-.332	.107	.089	-.906
100	135	.124	.181	1.005	-.350
100	136	-.110	.124	.416	-.533
100	137	.443	.209	1.172	-.346
100	138	-.160	.141	.409	-.768
100	139	-.071	.100	.326	-.388
100	140	-.217	.071	.064	-.484
100	141	-.341	.059	-.148	-.561
100	142	-.438	.055	-.229	-.663
100	143	-.448	.062	-.217	-.707
100	144	-.440	.064	-.230	-.689
100	145	-.478	.074	-.236	-.774
100	146	-.488	.070	-.252	-.850

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	147	.053	.193	.844	-.518
100	148	.289	.167	.982	-.179
100	149	.521	.175	1.228	.081
100	150	.505	.177	1.159	.059
100	151	.432	.211	1.182	-.217
100	152	.095	.313	.924	-1.067
100	153	.184	.312	.925	-1.056
100	154	.232	.174	.706	-.714
100	155	.165	.136	.583	-.439
100	156	.158	.127	.565	-.237
100	157	.069	.126	.536	-.335
100	158	.242	.154	.720	-.121
100	159	.088	.138	.592	-.371
100	160	.444	.228	1.316	-.134
100	161	-.138	.131	.324	-.587
100	162	-.047	.094	.292	-.371
100	163	-.242	.076	.028	-.563
100	164	-.343	.067	-.092	-.652
100	165	-.447	.068	-.206	-.742
100	166	-.456	.060	-.250	-.747
100	167	-.486	.073	-.238	-.915
100	168	-.512	.086	-.249	-1.114
100	169	-.527	.095	-.215	-1.005
100	170	.009	.193	.720	-.570
100	171	.236	.173	.949	-.252
100	172	.492	.169	1.124	.087
100	173	.481	.183	1.197	-.001
100	174	.457	.177	1.160	.001
100	175	.212	.292	1.056	-.800
100	176	.241	.280	.982	-.852
100	177	.251	.193	.851	-.692
100	178	.223	.124	.614	-.166
100	179	.198	.131	.642	-.196
100	180	.109	.122	.496	-.261
100	181	.271	.157	.930	-.141
100	182	.175	.123	.614	-.190
100	183	.479	.208	1.351	-.157
100	184	-.073	.134	.569	-.599
100	185	.004	.118	.488	-.383
100	186	-.186	.087	.199	-.467
100	187	-.373	.097	.006	-.735
100	188	-.636	.123	-.256	-1.154
100	189	-.642	.131	-.238	-1.225
100	190	-.609	.122	-.195	-1.126
100	191	-.612	.157	-.123	-1.293
100	192	-.644	.165	-.189	-1.480
100	193	.231	.139	.854	-.156
100	194	.218	.132	.766	-.185
100	195	.302	.142	.885	-.082
100	196	.206	.139	.767	-.154

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	197	.406	.191	1.103	-.255
100	198	-.031	.176	.740	-.467
100	199	.165	.157	.963	-.296
100	200	.413	.145	1.199	.039
100	201	.442	.173	1.056	.004
100	202	.421	.169	.969	-.069
100	203	.188	.311	.956	-1.005
100	204	.216	.299	.902	-1.047
100	205	.267	.183	.982	-.457
100	206	.256	.134	.771	-.158
100	207	.181	.144	.695	-.462
100	208	.089	.130	.624	-.331
100	209	.065	.116	.518	-.257
100	210	-.114	.093	.426	-.402
100	211	-.340	.112	.323	-.876
100	212	-.746	.148	-.246	-1.620
100	213	-.739	.150	-.210	-1.504
100	214	-.672	.167	-.059	-1.411
100	215	-.504	.200	.181	-1.673
100	216	-.502	.181	.054	-1.274
100	217	.206	.272	.967	-.773
100	218	.258	.225	.848	-.697
100	219	.211	.126	.686	-.284
100	220	.088	.099	.504	-.189
100	221	-.190	.099	.338	-.519
100	222	-.350	.094	.085	-.728
100	223	-.108	.137	.617	-.559
100	224	.088	.107	.752	-.191
100	225	.337	.121	.817	.041
100	226	.413	.141	1.027	.047
100	227	.375	.171	1.114	-.121
100	228	.133	.215	.784	-1.149
100	229	.156	.208	.718	-.968
100	230	.170	.107	.472	-.499
100	231	.117	.086	.398	-.345
100	232	.069	.074	.316	-.194
100	233	.043	.080	.352	-.208
100	234	-.007	.064	.235	-.226
100	235	-.193	.082	.162	-.530
100	236	-.378	.105	.024	-.794
100	237	-.696	.189	-.008	-1.489
100	238	-.669	.171	-.038	-1.406
100	239	-.612	.237	.203	-1.563
100	240	-.410	.190	.131	-1.184
100	241	-.393	.184	.123	-1.269
100	242	.098	.068	.370	-.093
100	243	.084	.073	.388	-.135
100	244	.085	.075	.429	-.141
100	245	.074	.071	.399	-.146
100	246	.151	.098	.650	-.125
100	247	-.233	.119	.228	-.754
100	248	.039	.089	.524	-.269
100	249	.298	.107	.711	.015
100	250	.377	.136	.961	.061
100	251	.311	.163	1.074	-.107
100	252	.079	.141	.688	-.553
100	253	.164	.107	.559	-.375
100	254	.127	.071	.375	-.085
100	255	.059	.082	.353	-.180
100	256	.111	.078	.413	-.123
100	257	.091	.077	.380	-.156
100	258	.128	.080	.412	-.118
100	259	.046	.084	.363	-.219
100	260	.219	.123	.781	-.216
100	261	-.042	.091	.281	-.487
100	262	-.008	.072	.215	-.247
100	263	-.193	.086	.149	-.506
100	264	-.255	.098	.157	-.608
100	265	-.488	.166	.003	-1.784
100	266	-.502	.157	-.070	-1.420
100	267	-.449	.217	.361	-1.621
100	268	-.171	.122	.245	-.696
100	269	-.202	.121	.229	-.929
100	270	-.170	.095	.188	-.550
100	271	-.377	.135	.047	-1.070
100	272	-.277	.120	.091	-.872
100	273	-.109	.083	.167	-.457
100	274	-.134	.083	.228	-.478
100	275	-.399	.139	.055	-.974
100	276	-.267	.114	.079	-.754
100	277	-.121	.091	.457	-.509
100	278	.034	.070	.496	-.210
100	279	.245	.100	.734	-.033
100	280	.333	.118	.821	.018
100	281	.325	.122	1.218	.005
100	282	.186	.110	.645	-.331
100	283	.161	.099	.580	-.355
100	284	.149	.078	.429	-.080
100	285	.121	.088	.405	-.126
100	286	.121	.083	.384	-.128
100	287	.065	.094	.376	-.211
100	288	.129	.090	.476	-.125
100	289	.100	.086	.403	-.151
100	290	.221	.104	.678	-.083
100	291	-.067	.117	.431	-.618
100	292	.032	.087	.481	-.248
100	293	-.055	.090	.380	-.377
100	294	-.133	.096	.250	-.510
100	295	-.481	.208	.165	-1.391
100	296	-.394	.216	.235	-1.416
100	297	-.033	.160	.405	-1.021
100	298	-.110	.074	.215	-.371
100	299	-.201	.090	.220	-.509
100	300	-.472	.085	-.074	-.893
100	301	-.464	.073	-.152	-.809
100	302	-.437	.077	-.138	-.878
100	303	-.416	.085	-.164	-.765
100	304	-.437	.095	-.083	-.966
100	305	-.433	.096	-.112	-.914
100	306	-.428	.114	-.074	-1.070
100	307	-.422	.110	-.029	-1.005
100	308	-.416	.109	-.043	-.935
100	309	-.405	.093	.045	-.754
100	310	-.403	.111	.102	-.876
100	311	-.422	.090	.085	-.994
100	312	-.398	.081	-.109	-.999
100	313	-.418	.073	-.135	-.815
100	314	-.418	.081	-.079	-.745
100	315	-.405	.081	-.026	-.703
100	316	-.417	.089	-.111	-.810
100	317	-.425	.079	-.150	-.728
100	318	-.414	.091	-.138	-.793
100	319	-.349	.094	-.057	-.879
100	320	-.339	.148	.075	-1.138
100	321	-.580	.268	.141	-1.449
100	322	-.686	.281	.279	-2.380
100	323	-.471	.071	-.238	-.772
100	324	-.463	.066	-.227	-.718
100	325	-.454	.059	-.257	-.661
100	326	-.446	.072	-.216	-.799
100	327	-.443	.077	-.171	-1.039
100	328	-.416	.090	.014	-.789
100	329	-.415	.085	.060	-.771
100	330	-.421	.084	.041	-.850
100	331	-.414	.077	-.192	-.767
100	332	-.418	.077	-.206	-.883
100	333	-.419	.065	-.221	-.699
100	334	-.407	.071	-.167	-.729
100	335	-.415	.071	-.181	-.750
100	336	-.408	.069	-.128	-.742
100	337	-.422	.062	-.185	-.776
100	338	-.404	.068	-.169	-.890
100	339	-.389	.070	-.161	-.884
100	340	-.389	.072	-.154	-.784
100	341	-.320	.064	-.102	-.683
100	342	-.244	.085	.087	-.900
100	343	-.171	.216	.280	-1.270
100	344	-.586	.355	.613	-2.142
100	345	-.626	.275	.283	-2.046
100	346	-.521	.082	-.204	-.873

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	348	-.500	.075	-.221	-.822
100	349	-.493	.073	-.272	-.824
100	350	-.500	.079	-.245	-.830
100	351	-.537	.118	-.138	-1.125
100	352	-.419	.095	-.158	-.891
100	353	-.382	.098	-.349	-.697
100	354	-.391	.071	-.276	-.735
100	355	-.422	.066	-.202	-.748
100	356	-.420	.065	-.178	-.684
100	357	-.445	.067	-.239	-.702
100	358	-.393	.055	-.204	-.602
100	359	-.434	.064	-.181	-.722
100	360	-.356	.071	-.028	-.634
100	361	-.406	.082	-.036	-1.089
100	362	-.375	.068	-.052	-.768
100	363	-.359	.079	.080	-.881
100	364	-.351	.080	-.097	-1.003
100	365	-.294	.076	-.057	-.815
100	366	-.226	.091	.036	-.861
100	367	-.221	.109	.339	-1.580
100	368	-.584	.401	.573	-1.854
100	369	-.572	.342	.554	-1.693
100	370	-.611	.135	-.157	-1.220
100	371	-.573	.134	-.126	-1.108
100	372	-.549	.104	-.209	-.977
100	373	-.582	.124	-.130	-1.102
100	374	-.685	.156	-.152	-1.432
100	375	-.482	.126	.114	-.978
100	376	-.344	.108	.334	-.715
100	377	-.339	.089	.054	-.700
100	378	-.449	.065	-.203	-.718
100	379	-.502	.078	-.206	-1.013
100	380	-.465	.073	-.237	-.765
100	381	-.379	.080	-.048	-.676
100	382	-.462	.070	-.203	-.742
100	383	-.380	.104	.038	-.754
100	384	-.409	.090	-.077	-.986
100	385	-.350	.085	.016	-.747
100	386	-.362	.083	-.031	-.774
100	387	-.386	.099	-.014	-1.001
100	388	-.287	.093	.087	-1.034
100	389	-.248	.134	.278	-1.246
100	390	-.298	.292	.263	-2.066
100	391	-.641	.387	.515	-2.204
100	392	-.604	.304	.504	-1.838
100	393	-.450	.074	-.147	-.731
100	394	-.482	.066	-.206	-.718
100	395	-.487	.076	-.183	-.782
100	396	-.444	.071	-.151	-.739
100	397	-.411	.115	.269	-.908

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	398	-.520	.170	-.031	-1.333
100	399	-.539	.192	-.065	-1.325
100	400	-.494	.150	-.032	-1.288
100	401	-.575	.176	-.102	-1.608
100	402	-.684	.219	-.179	-2.003
100	403	-.455	.165	.193	-1.047
100	404	-.303	.161	.320	-.891
100	405	-.341	.132	.219	-.787
100	406	-.467	.076	-.142	-.745
100	407	-.547	.087	-.289	-.929
100	408	-.432	.081	-.182	-1.041
100	409	-.410	.096	-.002	-1.064
100	410	-.426	.097	-.023	-.973
100	411	-.454	.119	-.016	-1.264
100	412	-.370	.115	-.037	-1.388
100	413	-.347	.169	.099	-1.310
100	414	-.479	.298	.101	-1.483
100	415	-.777	.305	.429	-1.805
100	416	-.715	.238	.244	-1.588
100	417	-.372	.155	.238	-.858
100	418	-.364	.148	.173	-.796
100	419	-.554	.104	-.048	-1.018
100	420	-.485	.087	-.244	-1.036
100	421	-.439	.110	-.017	-1.244
100	422	-.472	.101	-.057	-1.049
100	423	-.481	.228	.269	-2.046
100	424	-.412	.200	.146	-1.348
100	425	-.436	.203	.025	-1.615
100	426	-.406	.116	-.091	-1.049
100	427	-.444	.150	.104	-1.808
100	428	-.406	.134	.306	-.969
100	429	-.405	.143	.425	-.896
100	430	-.517	.105	.037	-.905
100	431	-.609	.105	-.174	-1.099
100	432	-.587	.109	-.280	-1.526
100	433	-.546	.100	-.242	-1.142
100	434	-.563	.088	-.276	-1.039
100	435	-.592	.112	-.171	-1.271
100	436	-.524	.101	-.220	-1.122
100	437	-.430	.105	.153	-1.107
100	438	-.392	.119	.356	-1.053
100	439	-.453	.305	.186	-1.731
100	440	-.558	.274	.308	-1.843
100	441	-.723	.219	.257	-1.822
100	442	-.567	.092	-.203	-1.165
100	443	-.567	.094	-.164	-.993
100	444	-.474	.094	-.018	-.886
100	445	-.494	.092	-.178	-.910
100	446	-.559	.080	-.247	-.985
100	447	-.308	.168	.238	-1.211

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	448	-.246	.174	.241	-1.336
100	449	-.266	.187	.183	-1.226
100	450	-.258	.098	.122	-.600
100	451	-.252	.117	.212	-.702
100	452	-.294	.140	.216	-.995
100	453	-.293	.113	.161	-.780
100	454	-.378	.104	.096	-.995
100	455	-.511	.131	.233	-1.168
100	456	-.599	.145	.211	-1.218
100	457	-.550	.093	.243	-.965
100	458	-.484	.086	.153	-.869
100	459	-.541	.096	.192	-.955
100	460	-.575	.101	.207	-1.202
100	461	-.579	.102	.117	-1.065
100	462	-.574	.086	.144	-.959
100	463	-.591	.101	.273	-1.259
100	464	-.580	.099	.296	-1.122
100	465	-.455	.099	.040	-1.036
100	466	-.365	.106	.070	-1.138
100	467	-.458	.260	.085	-1.467
100	468	-.738	.219	.130	-1.922
100	469	-.770	.204	.182	-1.744
100	470	-.257	.161	.182	-1.085
100	471	-.718	.218	.135	-2.067
100	472	-.703	.206	.176	-1.877
100	473	-.172	.116	.228	-.694
100	474	-.152	.092	.213	-.462
100	475	-.681	.223	.025	-1.644
100	476	-.659	.215	.034	-1.810
100	477	-.155	.101	.185	-.547
100	478	-.152	.089	.144	-.550
100	479	-.132	.079	.207	-.501
100	480	-.142	.091	.233	-.538
100	481	-.148	.097	.166	-.870
100	482	-.167	.099	.130	-.895
100	483	-.178	.102	.145	-.792
100	484	-.211	.113	.120	-.846
100	485	-.260	.153	.271	-.796
100	486	-.349	.221	.586	-1.280
100	487	-.507	.119	.150	-.996
100	488	-.423	.123	.315	-.971
100	489	-.513	.109	.112	-1.122
100	490	-.524	.096	.201	-1.111
100	491	-.527	.100	.080	-1.197
100	492	-.574	.101	.139	-1.067
100	493	-.577	.109	.267	-1.001
100	494	-.577	.097	.253	-.990
100	495	-.446	.084	.046	-.826
100	496	-.358	.096	.045	-.834
100	497	-.437	.208	.092	-1.321

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	498	-.652	.200	-.053	-1.658
100	499	-.661	.210	-.003	-1.493
100	801	.063	.097	.601	-.255
100	802	.069	.078	.356	-.201
100	803	.083	.080	.388	-.119
100	804	.086	.074	.397	-.103
100	805	-.519	.090	-.223	-.955
100	806	-.525	.091	-.228	-.966
100	807	-.523	.098	-.112	-1.146
100	808	-.461	.092	-.006	-.914
100	901	-.651	.122	-.284	-1.134
100	902	-.729	.166	-.197	-1.561
100	903	-.572	.132	-.158	-1.195
100	904	-.649	.103	-.295	-1.051
100	905	-.768	.292	.283	-1.865
100	906	-.705	.125	-.309	-1.298
100	907	-.685	.109	-.358	-1.095
100	908	-.744	.152	-.254	-1.400
100	909	-.501	.111	.017	-1.055
100	910	-.784	.140	-.264	-1.419
100	911	-.664	.115	-.286	-1.245
100	912	.128	.167	.815	-.598
100	913	.241	.167	.987	-.525
100	914	.163	.166	.761	-.479
100	915	.243	.142	.802	-.070
100	916	-.517	.145	.127	-1.046
100	917	-.375	.112	.020	-.961
100	918	-.587	.148	-.003	-1.313
100	919	-.467	.144	.209	-.937
100	920	-.485	.181	.081	-1.268
100	921	-.358	.112	.105	-.835
100	922	-.545	.113	-.073	-1.065
100	923	-.568	.123	-.222	-1.060
100	924	-.643	.134	-.309	-1.497
100	925	-.311	.191	.274	-1.322
100	926	-.516	.093	-.018	-.855
100	927	-.484	.079	-.240	-.945
100	928	-.449	.082	-.118	-.918
100	929	-.453	.080	-.202	-.944
100	930	-.417	.069	-.139	-.731
110	1	.025	.125	.540	-.418
110	2	-.237	.081	.026	-.560
110	3	-.304	.125	.138	-.891
110	4	-.283	.123	.111	-.828
110	101	.115	.146	.706	-.369
110	102	.159	.127	.576	-.275
110	103	.098	.141	.607	-.375
110	104	.060	.145	.606	-.437
110	105	.002	.156	.664	-.512
110	106	-.562	.127	-.079	-1.275
110	107	-.525	.191	.283	-1.378
110	108	-.287	.183	.189	-1.232
110	109	-.275	.099	.113	-.943
110	110	-.322	.094	.086	-.734
110	111	-.640	.172	-.056	-1.406
110	112	-.360	.114	.131	-.727
110	113	-.521	.103	-.051	-.950
110	114	-.184	.204	.746	-.715
110	115	-.346	.127	.188	-.922
110	116	-.240	.070	.033	-.611
110	117	-.316	.064	-.060	-.569
110	118	-.384	.059	-.158	-.616
110	119	-.442	.086	-.159	-.815
110	120	-.429	.087	-.139	-.807
110	121	-.438	.085	-.145	-.876
110	122	-.459	.081	-.183	-1.078
110	123	-.465	.095	-.161	-.875
110	124	.348	.170	.997	-.169
110	125	.467	.178	1.052	-.152
110	126	.498	.177	1.097	.005
110	127	.338	.196	1.063	-.268
110	128	.174	.191	.876	-.404
110	129	-.480	.183	.258	-1.374
110	130	-.482	.191	.286	-1.320
110	131	-.214	.273	.297	-1.310
110	132	-.163	.141	.133	-1.007
110	133	-.187	.115	.122	-.948
110	134	-.369	.097	-.042	-.887
110	135	-.019	.156	.630	-.612
110	136	-.257	.099	.085	-.886
110	137	.339	.281	1.227	-1.054
110	138	-.213	.120	.279	-.725
110	139	-.158	.077	.195	-.617
110	140	-.269	.056	-.034	-.539
110	141	-.362	.058	-.154	-.597
110	142	-.413	.061	-.195	-.643
110	143	-.424	.068	-.177	-.701
110	144	-.418	.070	-.118	-.746
110	145	-.442	.077	-.194	-.791
110	146	-.445	.071	-.209	-.790
110	147	.346	.179	1.181	-.135
110	148	.458	.162	1.164	.040
110	149	.532	.177	1.130	.062
110	150	.360	.164	.906	-.125
110	151	.191	.189	.798	-.377
110	152	-.353	.226	.617	-1.584
110	153	-.303	.263	.528	-1.259
110	154	-.051	.243	.372	-1.326
110	155	-.017	.150	.318	-1.082
110	156	-.009	.131	.308	-1.016
110	157	-.125	.129	.263	-.915
110	158	.048	.133	.558	-.676
110	159	-.122	.129	.230	-1.026
110	160	.293	.259	1.094	-1.177
110	161	-.191	.127	.443	-.782
110	162	-.143	.071	.172	-.567
110	163	-.287	.064	-.033	-.633
110	164	-.359	.066	-.118	-.639
110	165	-.430	.071	-.191	-.722
110	166	-.429	.064	-.223	-.699
110	167	-.458	.077	-.242	-.861
110	168	-.471	.090	-.192	-.955
110	169	-.463	.095	-.164	-1.028
110	170	.288	.172	.825	-.351
110	171	.401	.161	.970	-.119
110	172	.475	.162	1.243	.098
110	173	.395	.197	1.195	-.127
110	174	.270	.188	.996	-.214
110	175	-.272	.250	.847	-1.280
110	176	-.267	.288	.746	-1.166
110	177	-.053	.287	.665	-1.665
110	178	.022	.157	.464	-1.237
110	179	.011	.161	.516	-1.138
110	180	-.074	.126	.342	-.795
110	181	.100	.130	.562	-.535
110	182	-.023	.108	.340	-.673
110	183	.324	.234	1.153	-.984
110	184	-.152	.121	.429	-.641
110	185	-.092	.086	.289	-.412
110	186	-.232	.072	.065	-.467
110	187	-.372	.093	-.036	-.730
110	188	-.549	.122	-.165	-.989
110	189	-.564	.131	-.096	-1.125
110	190	-.546	.123	-.200	-1.056
110	191	-.572	.154	-.066	-1.347
110	192	-.614	.160	.163	-1.455
110	193	.038	.132	.416	-.772
110	194	.023	.126	.377	-.737
110	195	.139	.115	.712	-.337
110	196	.003	.119	.365	-.708
110	197	.292	.200	1.074	-.873
110	198	.198	.168	.873	-.321
110	199	.320	.156	.966	-.163
110	200	.422	.160	1.094	.068
110	201	.335	.171	1.112	-.079
110	202	.258	.165	1.026	-.207
110	203	-.180	.261	.695	-1.392
110	204	-.149	.306	.746	-1.347
110	205	.038	.226	.612	-1.188
110	206	.081	.136	.509	-.923

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	207	-.026	.121	.434	-1.063
110	208	-.011	.091	.372	-.383
110	209	-.054	.081	.342	-.419
110	210	-.189	.074	.103	-.452
110	211	-.367	.103	-.004	-.822
110	212	-.642	.144	-.224	-1.544
110	213	-.627	.155	-.137	-1.314
110	214	-.599	.160	-.143	-1.767
110	215	-.481	.206	.193	-1.270
110	216	-.488	.199	.127	-1.429
110	217	-.167	.241	.607	-1.284
110	218	-.080	.246	.556	-1.240
110	219	.057	.109	.419	-.695
110	220	-.017	.072	.270	-.232
110	221	-.230	.085	.108	-.490
110	222	-.359	.097	-.039	-.715
110	223	.044	.151	.867	-.312
110	224	.174	.132	.915	-.152
110	225	.325	.121	.872	.020
110	226	.293	.119	.796	.016
110	227	.191	.146	.792	-.317
110	228	-.203	.208	.383	-1.148
110	229	-.134	.251	.416	-1.357
110	230	.024	.119	.298	-.913
110	231	.016	.073	.242	-.541
110	232	-.017	.064	.185	-.308
110	233	-.037	.067	.219	-.374
110	234	-.064	.056	.150	-.276
110	235	-.226	.079	.031	-.549
110	236	-.393	.104	-.091	-.820
110	237	-.637	.204	-.147	-1.766
110	238	-.612	.191	-.157	-1.661
110	239	-.558	.224	.193	-1.750
110	240	-.347	.161	.188	-1.206
110	241	-.354	.174	.221	-1.314
110	242	.019	.057	.236	-.212
110	243	.007	.061	.242	-.225
110	244	-.005	.063	.255	-.237
110	245	-.004	.065	.229	-.230
110	246	-.103	.101	.566	-.170
110	247	-.135	.103	.278	-.543
110	248	.087	.090	.513	-.237
110	249	.273	.092	.827	.032
110	250	.292	.099	.764	.021
110	251	.196	.122	.762	-.173
110	252	-.077	.154	.391	-.974
110	253	.007	.136	.471	-.676
110	254	.033	.062	.244	-.177
110	255	-.040	.066	.192	-.240
110	256	.016	.063	.228	-.174

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	257	.012	.063	.235	-.197
110	258	.034	.060	.237	-.164
110	259	-.041	.068	.197	-.279
110	260	.125	.105	.555	-.264
110	261	-.093	.078	.171	-.404
110	262	-.060	.061	.128	-.315
110	263	-.229	.078	.013	-.577
110	264	-.276	.088	.003	-.709
110	265	-.460	.147	-.024	-1.325
110	266	-.473	.139	-.045	-1.293
110	267	-.502	.194	.089	-1.432
110	268	-.192	.113	.261	-.681
110	269	-.202	.108	.148	-.752
110	270	-.069	.076	.220	-.389
110	271	-.356	.112	.050	-.854
110	272	-.265	.102	.076	-.649
110	273	-.025	.082	.323	-.308
110	274	-.034	.080	.284	-.271
110	275	-.352	.112	.006	-.890
110	276	-.235	.093	.046	-.711
110	277	-.033	.092	.434	-.380
110	278	.086	.081	.546	-.130
110	279	.228	.100	.700	.011
110	280	.275	.105	.800	.028
110	281	.221	.109	.726	-.066
110	282	.046	.127	.452	-.441
110	283	.045	.110	.449	-.461
110	284	.070	.069	.378	-.114
110	285	.029	.066	.365	-.232
110	286	.026	.061	.333	-.206
110	287	-.039	.070	.311	-.303
110	288	.039	.068	.401	-.209
110	289	.020	.072	.326	-.202
110	290	.177	.097	.668	-.090
110	291	-.141	.096	.195	-.575
110	292	-.035	.070	.175	-.239
110	293	-.126	.075	.116	-.407
110	294	-.197	.081	.059	-.489
110	295	-.498	.179	-.075	-1.282
110	296	-.442	.181	-.038	-1.208
110	297	-.123	.195	.260	-.866
110	298	-.104	.072	.140	-.266
110	299	-.192	.085	.094	-.454
110	300	-.452	.084	-.147	-.970
110	302	-.443	.072	-.159	-1.018
110	303	-.414	.082	-.115	-.897
110	304	-.389	.106	-.010	-.997
110	305	-.404	.121	-.004	-1.205
110	306	-.394	.120	-.004	-1.135
110	307	-.397	.129	-.079	-1.077

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	308	-.424	.112	.055	-1.047
110	309	-.426	.105	.044	-.918
110	310	-.429	.089	.056	-.844
110	311	-.435	.105	.049	-.979
110	312	-.433	.096	.086	-.849
110	313	-.433	.092	.126	-.853
110	314	-.437	.081	.131	-.781
110	315	-.447	.088	.089	-.759
110	316	-.439	.087	.098	-.727
110	317	-.439	.085	.105	-.800
110	318	-.446	.076	.152	-.755
110	319	-.386	.079	.082	-.726
110	320	-.288	.082	.022	-.628
110	321	-.193	.105	.194	-.583
110	322	-.233	.209	.284	-1.046
110	323	-.333	.269	.451	-1.445
110	324	-.455	.079	.152	-.729
110	325	-.445	.069	.233	-.695
110	326	-.435	.062	.262	-.682
110	327	-.421	.082	.089	-.824
110	328	-.425	.100	.021	-1.084
110	329	-.331	.143	.470	-.772
110	330	-.332	.125	.300	-.699
110	331	-.417	.097	.040	-.874
110	332	-.438	.080	.183	-.832
110	333	-.435	.082	.196	-.881
110	334	-.439	.071	.237	-.870
110	335	-.424	.077	.183	-.740
110	336	-.439	.076	.204	-.748
110	337	-.429	.076	.159	-.702
110	338	-.432	.068	.197	-.727
110	339	-.412	.072	.143	-.745
110	340	-.396	.072	.093	-.705
110	341	-.394	.076	.138	-.655
110	342	-.272	.065	.019	-.473
110	343	-.159	.086	.184	-.448
110	344	-.048	.122	.507	-.505
110	345	-.060	.351	.820	-1.047
110	346	-.142	.313	.765	-1.116
110	347	-.484	.080	.220	-.920
110	348	-.476	.077	.246	-.795
110	349	-.487	.077	.212	-.870
110	350	-.476	.084	.122	-.893
110	351	-.520	.143	.040	-1.204
110	352	-.327	.181	.650	-.764
110	353	-.370	.175	.659	-.921
110	354	-.350	.102	.162	-.811
110	355	-.376	.081	.183	-.829
110	356	-.427	.074	.206	-.765
110	357	-.446	.076	.210	-.737

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	358	-.394	.068	-.159	-.647
110	359	-.446	.078	-.199	-.775
110	360	-.348	.091	.034	-.743
110	361	-.386	.081	-.117	-.800
110	362	-.353	.070	-.129	-.703
110	363	-.339	.080	-.059	-.658
110	364	-.327	.080	-.011	-.644
110	365	-.235	.074	.062	-.536
110	366	-.121	.078	.167	-.391
110	367	.077	.138	.554	-.986
110	368	-.089	.378	.878	-1.480
110	369	-.142	.339	.834	-1.163
110	370	-.551	.133	-.096	-1.451
110	371	-.525	.135	-.040	-1.274
110	372	-.525	.112	-.018	-.927
110	373	-.566	.139	-.146	-1.215
110	374	-.679	.182	-.223	-1.460
110	375	-.409	.176	.421	-.985
110	376	-.259	.149	.559	-.804
110	377	-.311	.127	.192	-.939
110	378	-.448	.084	-.129	-.837
110	379	-.502	.089	-.225	-.916
110	380	-.467	.083	-.235	-.833
110	381	-.359	.096	.009	-.742
110	382	-.463	.086	-.148	-.822
110	383	-.351	.120	.048	-.784
110	384	-.388	.100	-.067	-.861
110	385	-.322	.091	.023	-.819
110	386	-.326	.089	.032	-.714
110	387	-.351	.104	.067	-.722
110	388	-.215	.082	.122	-.460
110	389	-.145	.088	.197	-.434
110	390	-.008	.131	.408	-.839
110	391	-.224	.401	.666	-1.468
110	392	-.226	.353	.686	-1.197
110	393	-.445	.096	-.188	-.953
110	394	-.476	.087	-.235	-1.029
110	395	-.463	.093	-.009	-.789
110	396	-.435	.089	-.122	-.906
110	397	-.344	.132	.296	-.758
110	398	-.465	.179	.095	-1.383
110	399	-.489	.201	.138	-1.451
110	400	-.437	.165	.044	-1.527
110	401	-.513	.178	.042	-1.488
110	402	-.633	.227	-.030	-1.720
110	403	-.378	.180	.376	-1.117
110	404	-.219	.181	.523	-.868
110	405	-.287	.149	.372	-.730
110	406	-.439	.089	-.122	-.776
110	407	-.545	.099	-.114	-1.029

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	408	-.408	.078	-.126	-.743
110	409	-.359	.094	.002	-.664
110	410	-.362	.093	.023	-.632
110	411	-.389	.110	.060	-.732
110	412	-.284	.089	.079	-.549
110	413	-.212	.094	.147	-.554
110	414	-.092	.136	.287	-.897
110	415	-.304	.390	.560	-1.620
110	416	-.310	.337	.587	-1.357
110	417	-.349	.175	.419	-1.068
110	418	-.346	.161	.271	-.978
110	419	-.548	.118	-.166	-1.071
110	420	-.473	.099	-.242	-1.071
110	421	-.403	.113	.009	-.852
110	422	-.426	.104	-.062	-.839
110	423	-.454	.200	.268	-1.544
110	424	-.376	.175	.100	-1.336
110	425	-.361	.175	-.003	-1.377
110	426	-.337	.102	.047	-.942
110	427	-.385	.128	-.001	-1.402
110	428	-.356	.131	.152	-.937
110	429	-.369	.129	.382	-1.011
110	430	-.482	.102	-.011	-.856
110	431	-.575	.119	-.070	-1.186
110	432	-.544	.115	-.209	-1.121
110	433	-.510	.103	-.134	-1.363
110	434	-.521	.085	-.244	-1.190
110	435	-.553	.100	-.134	-1.122
110	436	-.476	.089	-.115	-1.001
110	437	-.367	.082	-.031	-.707
110	438	-.293	.071	.066	-.673
110	439	-.218	.137	.214	-1.147
110	440	-.419	.259	.282	-1.449
110	441	-.419	.245	.412	-1.588
110	442	-.503	.088	-.204	-1.043
110	443	-.492	.095	-.075	-.924
110	444	-.376	.102	.131	-.800
110	445	-.419	.092	-.085	-.875
110	446	-.507	.082	-.122	-.839
110	447	-.259	.124	.134	-.860
110	448	-.225	.131	.193	-.750
110	449	-.211	.117	.190	-.779
110	450	-.199	.092	.116	-1.142
110	451	-.219	.105	.158	-1.197
110	452	-.218	.107	.183	-.761
110	453	-.232	.102	.157	-.596
110	454	-.308	.102	.042	-.701
110	455	-.436	.138	.215	-.913
110	456	-.530	.166	.684	-1.354
110	457	-.486	.095	-.181	-.803

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	458	-.402	.089	.030	-.679
110	459	-.484	.097	-.126	-.918
110	460	-.515	.107	-.075	-.973
110	461	-.523	.110	.002	-1.115
110	462	-.533	.087	-.204	-1.152
110	463	-.549	.097	-.210	-1.122
110	464	-.533	.095	-.268	-1.286
110	465	-.404	.079	-.100	-.727
110	466	-.300	.066	-.023	-.579
110	467	-.239	.128	.158	-1.005
110	468	-.519	.197	.132	-1.421
110	469	-.536	.154	-.041	-1.293
110	470	-.214	.102	.123	-.775
110	471	-.454	.148	-.010	-1.185
110	472	-.452	.142	-.029	-1.257
110	473	-.183	.097	.145	-.543
110	474	-.166	.083	.137	-.512
110	475	-.417	.164	.023	-1.602
110	476	-.409	.154	.002	-1.518
110	477	-.156	.092	.143	-.577
110	478	-.161	.081	.094	-.560
110	479	-.143	.072	.117	-.500
110	480	-.152	.087	.183	-.684
110	481	-.149	.082	.126	-.484
110	482	-.143	.068	.075	-.424
110	483	-.151	.074	.090	-.445
110	484	-.142	.079	.113	-.506
110	485	-.135	.129	.319	-.646
110	486	-.144	.219	.820	-.927
110	487	-.415	.126	.155	-.988
110	488	-.320	.135	.308	-.860
110	489	-.447	.131	.007	-.970
110	490	-.443	.100	-.035	-.853
110	491	-.435	.118	.064	-.796
110	492	-.456	.118	.142	-.942
110	493	-.523	.130	.128	-1.115
110	494	-.525	.119	.004	-1.130
110	495	-.368	.101	.242	-.716
110	496	-.261	.105	.462	-.658
110	497	-.248	.142	.176	-.941
110	498	-.415	.154	.032	-1.137
110	499	-.433	.162	.052	-1.175
110	801	.005	.086	.428	-.277
110	802	.008	.064	.271	-.199
110	803	.019	.064	.279	-.222
110	804	.027	.059	.259	-.172
110	805	-.476	.087	-.133	-.846
110	806	-.486	.090	-.150	-.843
110	807	-.478	.099	.131	-.908
110	808	-.370	.099	.037	-.698

APPENDIX A -- PRESSURE DATA: CONFIGURATION A1 TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	901	-.601	.128	-.044	-1.195
110	902	-.669	.147	-.250	-1.391
110	903	-.500	.117	.011	-1.211
110	904	-.612	.107	-.183	-1.007
110	905	-.593	.238	.301	-1.573
110	906	-.653	.125	-.334	-1.124
110	907	-.581	.120	-.116	-1.030
110	908	-.664	.137	-.267	-1.235
110	909	-.459	.110	.055	-1.012
110	910	-.725	.163	-.141	-1.408
110	911	-.631	.112	-.264	-1.204
110	912	-.076	.163	.516	-1.706
110	913	.066	.148	.655	-.979
110	914	.008	.150	.474	-1.248
110	915	.099	.103	.524	-.380
110	916	-.554	.133	.181	-1.146
110	917	-.350	.109	.180	-.782
110	918	-.546	.111	-.110	-1.048
110	919	-.557	.129	.213	-1.072
110	920	-.421	.124	.096	-.889
110	921	-.329	.110	.141	-.752
110	922	-.564	.116	-.231	-1.046
110	923	-.478	.107	-.064	-.916
110	924	-.576	.104	-.234	-1.094
110	925	-.351	.163	.217	-1.066
110	926	-.472	.092	-.070	-.798
110	927	-.473	.098	-.171	-.983
110	928	-.435	.099	-.039	-.891
110	929	-.452	.099	-.167	-1.067
110	930	-.395	.075	-.104	-.753
120	1	-.060	.117	.408	-.461
120	2	-.227	.073	-.009	-.555
120	3	-.293	.118	.088	-.957
120	4	-.269	.115	.049	-.858
120	101	.184	.157	.743	-.277
120	102	.169	.138	.714	-.262
120	103	.045	.148	.694	-.409
120	104	-.048	.138	.548	-.535
120	105	-.155	.131	.345	-.731
120	106	-.668	.130	-.290	-1.381
120	107	-.687	.148	-.235	-1.512
120	108	-.583	.181	-.025	-1.470
120	109	-.433	.181	.210	-1.478
120	110	-.434	.143	-.061	-1.046
120	111	-.551	.143	.044	-1.308
120	112	-.411	.129	.175	-.965
120	113	-.502	.123	-.021	-1.094
120	114	-.060	.302	.796	-.990
120	115	-.313	.158	.342	-.984
120	116	-.270	.099	.139	-.791

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	117	-.315	.085	.007	-.742
120	118	-.354	.077	-.026	-.611
120	119	-.396	.103	-.106	-1.197
120	120	-.381	.104	-.084	-1.284
120	121	-.369	.098	-.023	-.729
120	122	-.376	.089	-.086	-.896
120	123	-.389	.101	-.040	-.812
120	124	.462	.171	1.116	-.096
120	125	.476	.173	1.094	-.023
120	126	.408	.159	.946	-.009
120	127	.172	.160	.734	-.270
120	128	-.022	.141	.539	-.483
120	129	-.629	.160	-.170	-1.345
120	130	-.640	.146	-.203	-1.238
120	131	-.563	.221	.068	-1.364
120	132	-.367	.215	.158	-1.387
120	133	-.375	.185	.217	-1.446
120	134	-.411	.106	-.084	-.917
120	135	-.224	.182	.490	-.902
120	136	-.385	.128	.088	-.889
120	137	-.044	.406	1.018	-1.688
120	138	-.230	.167	.295	-1.076
120	139	-.223	.118	.194	-.923
120	140	-.277	.079	.050	-.741
120	141	-.337	.082	-.018	-.805
120	142	-.366	.074	-.093	-.676
120	143	-.377	.087	-.083	-.735
120	144	-.363	.085	-.105	-.692
120	145	-.387	.090	-.102	-.978
120	146	-.387	.080	-.114	-.859
120	147	.477	.166	1.049	-.033
120	148	.521	.164	1.060	.095
120	149	.489	.176	1.160	.012
120	150	.211	.151	.754	-.255
120	151	-.015	.158	.521	-.568
120	152	-.574	.173	-.067	-1.345
120	153	-.598	.181	.010	-1.457
120	154	-.490	.235	.157	-1.468
120	155	-.324	.274	.173	-1.850
120	156	-.284	.242	.186	-1.251
120	157	-.294	.170	.119	-1.059
120	158	-.139	.173	.279	-.756
120	159	-.297	.173	.115	-1.075
120	160	-.029	.379	1.159	-1.679
120	161	-.189	.184	.585	-1.080
120	162	-.166	.095	.194	-.690
120	163	-.261	.076	.070	-.655
120	164	-.305	.075	-.011	-.631
120	165	-.349	.084	-.046	-.731
120	166	-.352	.075	-.084	-.641

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	167	-.368	.084	-.127	-.770
120	168	-.375	.096	-.065	-.824
120	169	-.386	.098	.014	-1.124
120	170	.457	.159	1.086	-.016
120	171	.513	.169	1.197	.047
120	172	.491	.167	1.095	.055
120	173	.229	.178	.968	-.247
120	174	.067	.161	.703	-.422
120	175	-.505	.191	.073	-1.517
120	176	-.540	.200	.120	-1.656
120	177	-.416	.309	.363	-2.207
120	178	-.227	.266	.259	-1.875
120	179	-.225	.270	.343	-1.543
120	180	-.246	.169	.164	-1.052
120	181	-.065	.153	.431	-.794
120	182	.199	.142	.101	-.826
120	183	.099	.338	.922	-1.622
120	184	-.094	.150	.493	-.934
120	185	-.086	.092	.424	-.698
120	186	-.154	.071	.192	-.451
120	187	-.238	.088	.155	-.530
120	188	-.326	.104	.019	-.733
120	189	-.340	.114	-.022	-.762
120	190	-.333	.106	-.016	-.831
120	191	-.401	.144	.138	-1.271
120	192	-.442	.149	.073	-1.263
120	193	-.163	.198	.309	-1.174
120	194	-.169	.169	.211	-.991
120	195	.044	.154	.595	-.737
120	196	-.171	.169	.239	-1.292
120	197	.233	.257	1.188	-.908
120	198	.401	.151	.978	-.025
120	199	.457	.159	1.050	.054
120	200	.442	.160	1.082	.053
120	201	.233	.154	.817	-.137
120	202	.101	.147	.628	-.372
120	203	-.467	.224	.148	-1.666
120	204	-.489	.254	.330	-1.550
120	205	-.266	.296	.356	-2.043
120	206	-.103	.190	.252	-1.282
120	207	-.098	.147	.297	-1.175
120	208	-.004	.083	.387	-.313
120	209	-.048	.074	.244	-.479
120	210	-.117	.072	.099	-.386
120	211	-.228	.106	.071	-.696
120	212	-.348	.152	.036	-.998
120	213	-.353	.158	.034	-1.133
120	214	-.352	.156	.054	-1.385
120	215	-.314	.185	.316	-1.483
120	216	-.340	.185	.226	-1.334

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	217	-.477	.232	.192	-1.992
120	218	-.429	.238	.297	-2.140
120	219	-.046	.134	.384	-.872
120	220	-.037	.061	.172	-.236
120	221	-.141	.073	.129	-.442
120	222	-.189	.085	.054	-.594
120	223	.176	.133	.783	-.292
120	224	.257	.116	.850	-.108
120	225	.330	.123	.917	-.001
120	226	.246	.103	.720	-.097
120	227	.105	.123	.687	-.441
120	228	-.405	.228	.182	-1.636
120	229	-.338	.258	.331	-1.616
120	230	-.029	.100	.233	-.871
120	231	-.007	.065	.220	-.362
120	232	-.031	.059	.189	-.293
120	233	-.054	.067	.261	-.318
120	234	-.045	.053	.199	-.236
120	235	-.135	.073	.112	-.434
120	236	-.230	.096	.033	-.669
120	237	-.341	.160	-.005	-1.099
120	238	-.312	.149	-.028	-1.060
120	239	-.336	.165	.049	-1.449
120	240	-.274	.131	.164	-1.087
120	241	-.283	.159	.139	-1.277
120	242	.008	.056	.226	-.181
120	243	.001	.061	.246	-.213
120	244	-.008	.062	.234	-.212
120	245	-.021	.060	.226	-.232
120	246	.083	.099	.634	-.152
120	247	-.106	.086	.190	-.441
120	248	.085	.077	.444	-.150
120	249	.271	.100	.740	-.010
120	250	.261	.104	1.072	-.081
120	251	.133	.123	.952	-.270
120	252	-.227	.163	.499	-.936
120	253	-.058	.148	.353	-1.062
120	254	.008	.067	.258	-.278
120	255	-.064	.071	.223	-.346
120	256	-.005	.067	.259	-.265
120	257	-.020	.066	.222	-.237
120	258	.003	.061	.222	-.216
120	259	-.079	.070	.182	-.300
120	260	.115	.115	.552	-.221
120	261	-.116	.075	.191	-.430
120	262	-.078	.057	.144	-.299
120	263	-.217	.074	-.002	-.615
120	264	-.235	.088	.006	-.730
120	265	-.344	.143	-.018	-1.069
120	266	-.350	.138	-.042	-1.092

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	267	-.436	.168	.052	-1.338
120	268	-.224	.108	.204	-.657
120	269	-.213	.105	.183	-.850
120	270	-.036	.073	.292	-.314
120	271	-.323	.113	.063	-.829
120	272	-.225	.100	.066	-.657
120	273	.021	.084	.377	-.281
120	274	.023	.081	.437	-.244
120	275	-.290	.123	.068	-.905
120	276	-.188	.094	.100	-.678
120	277	.024	.090	.413	-.270
120	278	.121	.081	.489	-.102
120	279	.236	.104	.756	-.048
120	280	.249	.102	.719	-.041
120	281	.187	.117	.817	-.136
120	282	-.020	.124	.577	-.449
120	283	.002	.119	.621	-.509
120	284	.054	.079	.429	-.224
120	285	.005	.066	.317	-.255
120	286	-.005	.059	.266	-.226
120	287	-.074	.069	.244	-.344
120	288	.020	.068	.327	-.245
120	289	-.004	.072	.348	-.245
120	290	.185	.096	.569	-.089
120	291	-.169	.090	.196	-.547
120	292	-.048	.063	.199	-.250
120	293	-.140	.071	.129	-.505
120	294	-.205	.080	.072	-.693
120	295	-.444	.182	.006	-1.577
120	296	-.389	.180	.037	-1.445
120	297	-.187	.157	.307	-.788
120	298	-.106	.066	.116	-.364
120	299	-.181	.075	.087	-.533
120	301	-.427	.106	-.089	-.939
120	302	-.429	.095	-.127	-1.140
120	303	-.459	.121	.031	-1.127
120	304	-.490	.159	.013	-1.396
120	305	-.491	.166	.038	-1.357
120	306	-.485	.160	.173	-1.192
120	307	-.493	.164	.088	-1.328
120	308	-.532	.136	-.050	-1.323
120	309	-.566	.127	-.031	-1.319
120	310	-.568	.116	-.196	-1.468
120	311	-.579	.124	-.183	-1.206
120	312	-.566	.110	-.120	-1.082
120	313	-.569	.111	-.285	-1.505
120	314	-.573	.098	-.299	-1.233
120	315	-.585	.121	-.264	-1.508
120	316	-.562	.114	-.233	-1.629
120	317	-.566	.101	-.270	-1.108

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	318	-.562	.091	-.306	-1.022
120	319	-.419	.084	-.139	-.835
120	320	-.278	.089	.109	-.588
120	321	-.140	.107	.336	-.528
120	322	-.039	.125	.462	-.594
120	323	-.038	.224	.668	-.856
120	324	-.416	.092	.084	-.872
120	325	-.430	.096	.129	-.910
120	326	-.454	.091	.194	-.869
120	327	-.460	.122	.036	-1.216
120	328	-.466	.145	.112	-1.145
120	329	-.360	.177	.425	-.898
120	330	-.373	.146	.295	-.874
120	331	-.503	.119	.022	-.930
120	332	-.552	.096	.084	-1.111
120	333	-.573	.115	.189	-1.242
120	334	-.572	.090	.242	-1.013
120	335	-.565	.096	.231	-.993
120	336	-.574	.094	.233	-.993
120	337	-.562	.104	.180	-1.104
120	338	-.574	.107	.280	-1.379
120	339	-.558	.110	.147	-1.105
120	340	-.540	.108	.115	-.988
120	341	-.542	.109	.172	-1.018
120	342	-.289	.077	.019	-.555
120	343	-.114	.105	.359	-.446
120	344	.178	.148	.895	-.238
120	345	.314	.213	.995	-.660
120	346	.267	.249	1.025	-.665
120	347	-.406	.090	.053	-.765
120	348	-.407	.089	.113	-.783
120	349	-.441	.097	.022	-.843
120	350	-.458	.107	.005	-.984
120	351	-.497	.166	.091	-1.316
120	352	-.304	.246	.821	-1.345
120	353	-.305	.259	.730	-.999
120	354	-.478	.158	.084	-1.063
120	355	-.555	.118	-.226	-1.213
120	356	-.542	.112	-.226	-1.480
120	357	-.565	.108	-.263	-1.089
120	358	-.536	.099	-.258	-.965
120	359	-.573	.107	-.264	-1.045
120	360	-.513	.137	.116	-1.012
120	361	-.525	.127	-.125	-1.536
120	362	-.500	.111	.136	-1.118
120	363	-.490	.121	.087	-1.141
120	764	-.478	.120	.062	-1.113
120	365	-.269	.096	.097	-.674
120	366	-.079	.094	.259	-.424
120	367	.223	.146	.755	-.202

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	368	.325	.246	.999	-.677
120	369	.301	.293	1.174	-.714
120	370	-.402	.118	.039	-1.008
120	371	-.302	.125	.115	-1.247
120	372	-.392	.137	.083	-1.060
120	373	-.436	.149	.159	-1.017
120	374	-.509	.172	-.001	-1.406
120	375	-.342	.252	.758	-1.363
120	376	-.266	.230	.667	-1.021
120	377	-.428	.169	.384	-1.071
120	378	-.578	.118	-.136	-1.081
120	379	-.643	.151	-.247	-2.462
120	380	-.571	.107	.280	-1.104
120	381	-.427	.113	-.054	-.996
120	382	-.588	.102	-.227	-.983
120	383	-.538	.147	-.004	-1.309
120	384	-.566	.139	-.126	-1.447
120	385	-.482	.148	-.115	-1.696
120	386	-.493	.135	-.095	-1.322
120	387	-.524	.153	-.028	-1.420
120	388	-.260	.092	.070	-.674
120	389	-.114	.094	.264	-.441
120	390	.134	.114	.573	-.182
120	391	.179	.256	.918	-.864
120	392	.161	.282	.889	-.662
120	393	-.577	.159	-.108	-1.712
120	394	-.615	.135	-.261	-1.211
120	395	-.599	.152	-.006	-1.179
120	396	-.565	.141	-.067	-1.199
120	397	-.459	.196	.290	-1.300
120	398	-.287	.149	.167	-1.168
120	399	-.303	.164	.176	-1.275
120	400	-.250	.129	.124	-1.092
120	401	-.334	.161	.374	-1.117
120	402	-.418	.192	.196	-1.680
120	403	-.259	.202	.598	-.943
120	404	-.156	.203	.610	-.733
120	405	-.314	.167	.435	-.979
120	406	-.521	.126	-.025	-1.100
120	407	-.661	.150	-.196	-1.250
120	408	-.520	.145	-.138	-1.156
120	409	-.495	.173	-.057	-1.565
120	410	-.496	.165	-.074	-1.247
120	411	-.526	.186	.001	-1.393
120	412	-.318	.110	.025	-.799
120	413	-.178	.081	.147	-.525
120	414	.017	.089	.472	-.240
120	415	-.030	.280	.812	-1.196
120	416	-.063	.273	.873	-.965
120	417	-.213	.169	.559	-.895

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	418	-.230	.156	.672	-.817
120	419	-.509	.166	.158	-1.270
120	420	-.552	.168	-.001	-1.430
120	421	-.518	.213	.009	-1.448
120	422	-.549	.200	.021	-1.401
120	423	-.306	.152	.303	-1.189
120	424	-.224	.129	.195	-1.083
120	425	-.219	.107	.189	-.895
120	426	-.259	.097	.095	-.610
120	427	-.305	.123	.124	-.913
120	428	-.234	.128	.204	-.762
120	429	-.240	.150	.290	-.841
120	430	-.353	.147	.136	-1.019
120	431	-.472	.168	.360	-1.147
120	432	-.530	.189	.174	-1.506
120	433	-.524	.201	.220	-1.715
120	434	-.576	.173	.220	-1.533
120	435	-.629	.228	-.119	-2.224
120	436	-.540	.209	-.070	-1.997
120	437	-.340	.097	.025	-.750
120	438	-.248	.070	.083	-.506
120	439	-.122	.084	.203	-.845
120	440	-.208	.245	.360	-1.196
120	441	-.273	.212	.489	-1.120
120	442	-.399	.137	.263	-.927
120	443	-.392	.127	.171	-.790
120	444	-.267	.120	.266	-.658
120	445	-.312	.120	.266	-.698
120	446	-.463	.125	.124	-.920
120	447	-.212	.092	.081	-.606
120	448	-.181	.109	.148	-.674
120	449	-.157	.075	.160	-.486
120	450	-.164	.072	.124	-.535
120	451	-.180	.083	.154	-.625
120	452	-.153	.080	.148	-.560
120	453	-.162	.095	.163	-.529
120	454	-.195	.117	.213	-.614
120	455	-.291	.176	.360	-.911
120	456	-.376	.236	.516	-1.383
120	457	-.389	.138	.079	-.992
120	458	-.282	.117	.143	-.660
120	459	-.386	.137	.040	-1.030
120	460	-.453	.159	.111	-1.139
120	461	-.453	.172	.067	-1.320
120	462	-.481	.123	.013	-1.217
120	463	-.503	.134	.069	-1.587
120	464	-.481	.132	-.061	-1.783
120	465	-.377	.083	-.012	-.714
120	466	-.276	.062	.162	-.499
120	467	-.178	.088	.212	-.807

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	468	-.400	.196	.104	-1.187
120	469	-.453	.158	.084	-1.092
120	470	-.179	.091	.119	-.900
120	471	-.334	.136	.207	-1.032
120	472	-.337	.129	.128	-1.059
120	473	-.149	.082	.134	-.549
120	474	-.139	.069	.088	-.424
120	475	-.295	.136	.186	-.952
120	476	-.290	.131	.174	-.904
120	477	-.138	.075	.191	-.563
120	478	-.141	.066	.131	-.535
120	479	-.139	.063	.081	-.439
120	480	-.131	.075	.140	-.482
120	481	-.129	.075	.103	-.410
120	482	-.121	.061	.059	-.362
120	483	-.124	.067	.077	-.403
120	484	-.096	.071	.118	-.371
120	485	-.056	.102	.342	-.482
120	486	.007	.176	.996	-.717
120	487	-.302	.142	.207	-.800
120	488	-.198	.136	.450	-.635
120	489	-.347	.157	.091	-1.183
120	490	-.337	.129	.042	-.780
120	491	-.319	.136	.115	-.916
120	492	-.351	.150	.385	-.942
120	493	-.448	.157	.064	-1.056
120	494	-.459	.148	-.006	-1.220
120	495	-.284	.108	.115	-.613
120	496	-.173	.101	.290	-.468
120	497	-.119	.119	.433	-.719
120	498	-.265	.137	.155	-1.071
120	499	-.292	.152	.205	-1.165
120	801	-.024	.091	.326	-.531
120	802	-.024	.067	.230	-.265
120	803	-.018	.062	.219	-.255
120	804	-.012	.056	.191	-.226
120	805	-.429	.129	.178	-.887
120	806	-.424	.135	.206	-.964
120	807	-.374	.148	.371	-.972
120	808	-.235	.111	.229	-.547
120	901	-.532	.149	.002	-1.148
120	902	-.763	.159	-.170	-1.324
120	903	-.453	.136	.056	-1.090
120	904	-.549	.133	.147	-1.158
120	905	-.628	.225	.254	-1.441
120	906	-.747	.130	-.367	-1.355
120	907	-.471	.132	.095	-.941
120	908	-.749	.150	-.328	-1.451
120	909	-.383	.144	.157	-.901
120	910	-.578	.141	.002	-1.116

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	911	-.688	.112	-.316	-1.241
120	912	-.317	.271	.277	-2.281
120	913	-.106	.239	.520	-1.659
120	914	-.253	.283	.201	-2.570
120	915	-.032	.125	.289	-.781
120	916	-.658	.135	-.318	-1.330
120	917	-.371	.132	.176	-.863
120	918	-.645	.116	-.242	-1.089
120	919	-.724	.137	-.208	-1.306
120	920	-.458	.132	.121	-.939
120	921	-.346	.140	.369	-.853
120	922	-.690	.132	-.040	-1.371
120	923	-.474	.135	.160	-1.040
120	924	-.673	.121	-.276	-1.229
120	925	-.483	.173	.191	-1.064
120	926	-.414	.121	.188	-.830
120	927	-.593	.142	-.156	-1.192
120	928	-.542	.149	-.133	-1.204
120	929	-.578	.144	-.213	-1.581
120	930	-.514	.115	-.186	-1.102
130	1	-.098	.097	.319	-.438
130	2	-.191	.061	.048	-.457
130	3	-.247	.099	.109	-.732
130	4	-.215	.096	.063	-.597
130	101	.185	.173	.960	-.563
130	102	.146	.138	.704	-.224
130	103	-.012	.137	.458	-.400
130	104	-.126	.123	.377	-.534
130	105	-.252	.118	.202	-.666
130	106	-.641	.116	-.313	-1.386
130	107	-.672	.130	-.272	-1.281
130	108	-.671	.153	-.096	-1.507
130	109	-.624	.185	-.061	-1.541
130	110	-.575	.140	-.103	-1.398
130	111	-.570	.147	.033	-1.706
130	112	-.515	.141	-.066	-1.633
130	113	-.551	.171	.277	-1.693
130	114	-.405	.241	.648	-1.524
130	115	-.399	.218	.392	-1.741
130	116	-.331	.173	.188	-1.633
130	117	-.310	.134	.218	-1.206
130	118	-.311	.104	.108	-1.073
130	119	-.349	.117	-.033	-.981
130	120	-.327	.114	.008	-1.136
130	121	-.301	.096	-.030	-.729
130	122	-.290	.076	-.082	-.664
130	123	-.320	.091	-.069	-.761
130	124	.479	.195	1.158	-.376
130	125	.485	.193	1.199	-.718
130	126	.351	.156	.914	-.145

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	127	.052	.145	.602	-.437
130	128	-.153	.125	.389	-.596
130	129	-.616	.134	-.281	-1.353
130	130	-.613	.120	-.292	-1.283
130	131	-.653	.156	-.185	-1.401
130	132	-.620	.186	-.009	-1.637
130	133	-.580	.152	-.035	-1.414
130	134	-.515	.113	-.145	-.989
130	135	-.470	.140	.363	-1.073
130	136	-.527	.134	-.054	-1.339
130	137	-.465	.265	.598	-1.708
130	138	-.379	.108	.306	-1.105
130	139	-.331	.169	.335	-1.094
130	140	-.300	.124	.252	-.882
130	141	-.325	.121	.148	-.929
130	142	-.326	.086	-.042	-.783
130	143	-.336	.101	-.019	-1.148
130	144	-.309	.081	-.023	-.740
130	145	-.315	.078	-.047	-.713
130	146	-.315	.070	-.082	-.657
130	147	.559	.196	1.192	-.319
130	148	.564	.189	1.272	-.253
130	149	.411	.176	1.093	-.040
130	150	.084	.129	.596	-.299
130	151	-.155	.128	.437	-.655
130	152	-.612	.143	-.238	-1.524
130	153	-.630	.148	-.204	-1.405
130	154	-.634	.145	-.140	-1.412
130	155	-.610	.211	.104	-1.885
130	156	-.551	.181	-.009	-1.332
130	157	-.515	.145	-.080	-1.130
130	158	-.424	.147	.087	-.911
130	159	-.541	.155	-.029	-1.283
130	160	-.478	.324	.775	-1.822
130	161	-.382	.270	.751	-1.410
130	162	-.298	.182	.262	-1.274
130	163	-.306	.150	.047	-1.205
130	164	-.314	.132	.015	-1.138
130	165	-.334	.106	-.030	-.823
130	166	-.322	.086	-.068	-.715
130	167	-.332	.083	-.050	-.695
130	168	-.347	.096	-.051	-.986
130	169	-.355	.096	-.030	-.964
130	170	.492	.141	.989	-.100
130	171	.493	.152	1.155	.035
130	172	.387	.148	1.000	-.011
130	173	.068	.147	.578	-.520
130	174	-.119	.126	.307	-.698
130	175	-.647	.171	-.161	-1.600
130	176	-.688	.171	-.191	-1.565

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	177	-.679	.218	-.013	-2.390
130	178	-.509	.254	.097	-1.625
130	179	-.497	.258	.115	-1.532
130	180	-.431	.159	.074	-1.151
130	181	-.261	.189	.374	-.838
130	182	-.414	.151	.009	-1.038
130	183	-.252	.408	.894	-1.755
130	184	-.167	.270	.577	-1.089
130	185	-.144	.178	.273	-.983
130	186	-.172	.106	.126	-.789
130	187	-.241	.110	.105	-.870
130	188	-.326	.119	.044	-.926
130	189	-.321	.113	.009	-.939
130	190	-.306	.097	.018	-.924
130	191	-.369	.130	.076	-1.062
130	192	-.419	.149	.011	-1.166
130	193	-.443	.238	.081	-1.353
130	194	-.391	.212	.100	-1.421
130	195	-.094	.264	.773	-1.130
130	196	.374	.238	.196	-1.448
130	197	.149	.333	1.152	-1.833
130	198	.419	.137	.999	-.209
130	199	.431	.148	1.042	.062
130	200	.354	.146	.966	-.049
130	201	.086	.158	.790	-.358
130	202	-.084	.146	.454	-.582
130	203	-.702	.215	.137	-1.877
130	204	-.746	.233	.071	-1.966
130	205	-.610	.310	.216	-2.030
130	206	-.365	.256	.295	-1.401
130	207	-.287	.202	.103	-1.256
130	208	-.225	.114	.340	-.747
130	209	-.061	.088	.268	-.732
130	210	-.117	.072	.160	-.471
130	211	-.207	.094	.166	-.569
130	212	-.309	.121	.101	-.839
130	213	-.296	.124	.044	-.846
130	214	-.292	.124	.059	-1.076
130	215	-.273	.166	.273	-1.040
130	216	-.305	.176	.173	-1.241
130	217	-.650	.216	.153	-1.917
130	218	-.614	.210	.119	-1.963
130	219	-.104	.160	.302	-1.314
130	220	-.058	.060	.178	-.243
130	221	-.136	.072	.103	-.419
130	222	-.175	.075	.015	-.476
130	223	.180	.117	.768	-.169
130	224	.238	.119	.854	-.034
130	225	.275	.127	.872	-.047
130	226	.173	.118	.601	-.185

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	227	.011	.145	.450	-.525
130	228	-.548	.243	.089	-2.198
130	229	-.509	.281	.256	-2.136
130	230	-.086	.131	.225	-1.064
130	231	-.034	.073	.212	-.547
130	232	-.055	.064	.156	-.493
130	233	-.079	.070	.192	-.390
130	234	-.052	.056	.148	-.293
130	235	-.115	.067	.125	-.378
130	236	-.198	.074	.044	-.535
130	237	-.244	.098	.019	-.737
130	238	-.216	.086	.006	-.645
130	239	-.255	.118	.069	-1.015
130	240	-.230	.123	.228	-.889
130	241	-.228	.145	.253	-.929
130	242	-.011	.057	.218	-.257
130	243	-.016	.057	.224	-.225
130	244	-.026	.057	.221	-.208
130	245	-.029	.064	.209	-.281
130	246	.049	.098	.531	-.245
130	247	-.100	.078	.186	-.395
130	248	.073	.075	.428	-.213
130	249	.237	.106	.659	-.075
130	250	.228	.120	.774	-.186
130	251	.098	.142	.835	-.442
130	252	-.270	.164	.264	-1.078
130	253	-.103	.167	.482	-1.107
130	254	-.016	.069	.318	-.477
130	255	-.081	.068	.233	-.327
130	256	-.025	.064	.264	-.259
130	257	-.043	.064	.225	-.229
130	258	-.015	.059	.235	-.189
130	259	-.100	.068	.191	-.313
130	260	.094	.122	.562	-.267
130	261	-.121	.072	.110	-.411
130	262	-.082	.056	.097	-.257
130	263	-.193	.064	.006	-.384
130	264	-.194	.063	.021	-.462
130	265	-.258	.078	-.015	-.583
130	266	-.262	.072	-.038	-.578
130	267	-.351	.103	-.010	-.881
130	268	-.204	.091	.135	-.583
130	269	-.182	.089	.150	-.598
130	270	-.011	.066	.252	-.267
130	271	-.257	.088	.050	-.606
130	272	-.187	.076	.112	-.477
130	273	.039	.069	.394	-.219
130	274	.042	.066	.280	-.189
130	275	-.202	.083	.076	-.604
130	276	-.126	.063	.074	-.454

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	277	.059	.077	.504	-.204
130	278	.142	.071	.531	-.079
130	279	.254	.104	.783	-.034
130	280	.255	.102	.766	-.027
130	281	.188	.104	.671	-.109
130	282	-.036	.112	.403	-.455
130	283	.003	.112	.403	-.405
130	284	.054	.077	.319	-.189
130	285	-.006	.065	.260	-.192
130	286	-.018	.058	.230	-.191
130	287	-.091	.067	.215	-.303
130	288	-.017	.071	.413	-.186
130	289	-.031	.066	.327	-.254
130	290	.172	.093	.563	-.081
130	291	-.171	.079	.123	-.468
130	292	-.051	.057	.162	-.229
130	293	-.118	.060	.132	-.329
130	294	-.170	.060	.079	-.415
130	295	-.344	.114	-.005	-.923
130	296	-.291	.110	.046	-.838
130	297	-.211	.122	.207	-.686
130	298	-.079	.059	.165	-.287
130	299	-.140	.061	.113	-.363
130	301	-.362	.105	-.045	-1.020
130	302	-.351	.090	-.076	-.881
130	303	-.386	.113	-.031	-1.041
130	304	-.417	.135	-.059	-1.140
130	305	-.430	.143	-.023	-1.264
130	306	-.435	.158	.007	-1.174
130	307	-.445	.189	.114	-1.324
130	308	-.487	.202	.271	-1.716
130	309	-.541	.200	.336	-1.700
130	310	-.578	.194	.874	-1.534
130	311	-.613	.167	.035	-1.564
130	312	-.589	.146	-.162	-1.639
130	313	-.611	.143	-.180	-1.692
130	314	-.625	.130	-.265	-1.482
130	315	-.677	.171	-.176	-1.683
130	316	-.667	.149	-.269	-1.532
130	317	-.686	.136	-.336	-1.624
130	318	-.676	.123	-.357	-1.728
130	319	-.394	.102	-.019	-.861
130	320	-.213	.109	.190	-.695
130	321	-.069	.121	.409	-.429
130	322	-.068	.128	.609	-.355
130	323	.156	.170	.843	-.623
130	324	-.359	.088	-.093	-.886
130	325	-.357	.090	-.095	-.788
130	326	-.376	.090	-.083	-.857
130	327	-.420	.125	-.012	-1.189

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	328	-.429	.131	.087	-.980
130	329	-.408	.148	.544	-1.110
130	330	-.406	.132	.294	-.971
130	331	-.485	.172	.320	-1.165
130	332	-.558	.167	.347	-1.216
130	333	-.620	.183	.160	-1.572
130	334	-.601	.112	-.276	-1.151
130	335	-.587	.110	-.212	-1.250
130	336	-.600	.114	-.250	-1.396
130	337	-.617	.119	-.251	-1.056
130	338	-.658	.132	-.265	-1.347
130	339	-.651	.127	-.243	-1.547
130	340	-.632	.114	-.226	-1.527
130	341	-.643	.122	-.296	-1.219
130	342	-.242	.096	.180	-.568
130	343	-.022	.134	.539	-.412
130	344	.312	.172	.967	-.145
130	345	.475	.196	1.185	-.561
130	346	.487	.199	1.182	-.554
130	347	-.377	.091	-.060	-.775
130	348	-.370	.090	-.085	-.779
130	349	-.395	.111	-.043	-.919
130	350	-.429	.121	.007	-1.200
130	351	-.464	.158	.133	-1.284
130	352	-.397	.197	1.012	-1.207
130	353	-.411	.205	.788	-1.240
130	354	-.519	.157	.185	-1.167
130	355	-.598	.159	.206	-1.272
130	356	-.629	.197	.386	-1.941
130	357	-.611	.143	-.102	-1.207
130	358	-.575	.119	-.170	-.980
130	359	-.606	.137	-.141	-1.229
130	360	-.615	.148	-.085	-1.369
130	361	-.657	.163	-.197	-1.832
130	362	-.623	.120	-.248	-1.186
130	363	-.616	.123	-.214	-1.162
130	364	-.601	.120	-.195	-1.097
130	365	-.262	.101	.120	-.739
130	366	-.004	.109	.443	-.324
130	367	.353	.163	1.040	-.098
130	368	.516	.180	1.237	-.164
130	369	.514	.202	1.171	-.123
130	370	-.352	.106	.031	-.845
130	371	-.326	.112	.133	-.908
130	372	-.321	.120	.106	-.896
130	373	-.345	.145	.210	-1.001
130	374	-.396	.138	.127	-1.061
130	375	-.389	.216	.738	-1.338
130	376	-.320	.178	.351	-.986
130	377	-.440	.176	.243	-1.103

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	378	-.645	.150	.052	-1.357
130	379	-.815	.244	-.156	-2.144
130	380	-.608	.120	-.253	-1.143
130	381	-.525	.118	-.064	-.924
130	382	-.595	.112	-.210	-1.003
130	383	-.687	.162	-.121	-1.377
130	384	-.670	.169	-.153	-1.656
130	385	-.623	.146	-.130	-1.367
130	386	-.642	.130	-.222	-1.362
130	387	-.684	.148	-.183	-1.467
130	388	-.294	.096	.170	-.696
130	389	-.065	.113	.455	-.447
130	390	.264	.141	.816	-.137
130	391	.407	.192	1.156	-.397
130	392	.436	.201	1.147	-.334
130	393	-.619	.254	.509	-2.083
130	394	-.713	.158	-.137	-1.398
130	395	-.697	.160	-.315	-1.251
130	396	-.662	.152	-.101	-1.392
130	397	-.665	.168	.035	-1.325
130	398	-.264	.130	.142	-.843
130	399	-.271	.138	.183	-.945
130	400	-.196	.108	.258	-.729
130	401	-.214	.131	.250	-.926
130	402	-.250	.122	.144	-.908
130	403	-.240	.150	.444	-.855
130	404	-.152	.147	.505	-.755
130	405	-.236	.187	.318	-.905
130	406	-.438	.188	.224	-.955
130	407	-.733	.179	-.001	-1.477
130	408	-.686	.185	-.087	-1.497
130	409	-.693	.214	-.133	-1.483
130	410	-.706	.192	-.191	-1.508
130	411	-.744	.216	-.176	-1.845
130	412	-.379	.116	.023	-.848
130	413	-.171	.111	.363	-.624
130	414	.121	.123	.651	-.285
130	415	.223	.200	.957	-1.216
130	416	.225	.239	.959	-1.112
130	417	-.160	.115	.632	-.744
130	418	-.172	.104	.469	-.765
130	419	-.288	.205	.282	-1.086
130	420	-.596	.244	.210	-1.590
130	421	-.744	.256	-.152	-1.991
130	422	-.764	.228	-.198	-1.619
130	423	-.241	.113	.185	-.885
130	424	-.153	.085	.111	-.529
130	425	-.149	.079	.167	-.633
130	426	-.194	.085	.127	-.858
130	427	-.232	.103	.150	-.902

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	428	-.142	.085	.165	-.551
130	429	-.141	.095	.250	-.643
130	430	-.190	.106	.207	-.816
130	431	-.282	.166	.417	-1.012
130	432	-.364	.263	.272	-1.866
130	433	-.375	.253	.382	-1.962
130	434	-.534	.235	.311	-1.740
130	435	-.693	.282	.180	-2.288
130	436	-.595	.245	-.080	-1.927
130	437	-.363	.124	.059	-.869
130	438	-.243	.083	.132	-.557
130	439	-.105	.075	.267	-.337
130	440	-.039	.172	.424	-.855
130	441	-.154	.209	.377	-1.103
130	442	-.201	.166	.469	-.824
130	443	-.254	.115	.178	-.795
130	444	-.152	.101	.391	-.574
130	445	-.180	.095	.134	-.602
130	446	-.297	.142	.202	-.998
130	447	-.173	.081	.109	-.568
130	448	-.144	.083	.191	-.463
130	449	-.125	.061	.085	-.526
130	450	-.132	.059	.077	-.392
130	451	-.148	.069	.083	-.440
130	452	-.118	.064	.105	-.427
130	453	-.111	.066	.162	-.347
130	454	-.108	.065	.217	-.345
130	455	-.163	.109	.464	-.652
130	456	-.172	.171	.398	-1.271
130	457	-.187	.096	.092	-.662
130	458	-.140	.072	.105	-.477
130	459	-.190	.092	.099	-.785
130	460	-.244	.138	.145	-1.054
130	461	-.299	.181	.292	-1.801
130	462	-.324	.140	.285	-1.145
130	463	-.354	.147	.400	-1.179
130	464	-.336	.142	.329	-1.371
130	465	-.263	.096	.120	-.757
130	466	-.204	.069	.098	-.492
130	467	-.139	.067	.149	-.535
130	468	-.282	.181	.150	-1.037
130	469	-.363	.151	.066	-1.040
130	470	-.128	.061	.136	-.425
130	471	-.237	.118	.116	-.728
130	472	-.235	.112	.152	-.799
130	473	-.124	.062	.115	-.333
130	474	-.117	.054	.082	-.319
130	475	-.188	.126	.247	-.835
130	476	-.180	.127	.274	-.911
130	477	-.117	.060	.106	-.354

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	478	-.117	.054	.082	-.340
130	479	-.117	.058	.092	-.327
130	480	-.112	.060	.088	-.422
130	481	-.108	.061	.115	-.300
130	482	-.099	.052	.077	-.271
130	483	-.099	.058	.085	-.320
130	484	-.067	.062	.167	-.286
130	485	-.053	.095	.410	-.514
130	486	.035	.129	.726	-.558
130	487	-.164	.107	.192	-.623
130	488	-.099	.097	.531	-.479
130	489	-.190	.126	.127	-.891
130	490	-.184	.104	.079	-.714
130	491	-.170	.113	.180	-.602
130	492	-.173	.136	.300	-.677
130	493	-.285	.148	.193	-1.032
130	494	-.307	.143	.105	-.989
130	495	-.171	.104	.211	-.490
130	496	-.086	.100	.303	-.374
130	497	-.045	.109	.377	-.427
130	498	-.160	.118	.214	-.698
130	499	-.180	.134	.247	-.757
130	801	-.055	.092	.390	-.627
130	802	-.053	.069	.178	-.343
130	803	-.047	.061	.235	-.316
130	804	-.040	.053	.210	-.269
130	805	-.235	.148	.280	-.876
130	806	-.207	.126	.241	-.753
130	807	-.183	.159	.509	-.926
130	808	-.128	.079	.174	-.423
130	901	-.383	.174	.210	-1.097
130	902	-.693	.162	.252	-1.622
130	903	-.308	.132	.174	-1.077
130	904	-.442	.155	.266	-1.188
130	905	-.654	.176	.007	-1.573
130	906	-.695	.144	.256	-1.574
130	907	-.346	.132	.236	-.904
130	908	-.714	.159	.084	-1.682
130	909	-.246	.127	.365	-.672
130	910	-.466	.138	.160	-.974
130	911	-.670	.123	.338	-1.238
130	912	-.603	.299	.139	-2.291
130	913	-.276	.340	.663	-1.831
130	914	-.616	.384	.167	-4.287
130	915	-.204	.217	.403	-.974
130	916	-.746	.156	.371	-1.465
130	917	-.349	.140	.200	-1.002
130	918	-.683	.124	.329	-1.350
130	919	-.756	.152	.245	-1.652
130	920	-.436	.141	.238	-1.048

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	921	-.301	.140	.290	-.815
130	922	-.715	.151	-.234	-1.300
130	923	-.402	.155	.150	-1.067
130	924	-.709	.147	-.330	-1.369
130	925	-.534	.153	.083	-1.095
130	926	-.291	.109	.230	-.766
130	927	-.636	.162	-.099	-1.767
130	928	-.609	.148	-.026	-1.726
130	929	-.675	.217	.052	-2.086
130	930	-.589	.144	-.034	-1.174
140	1	-.118	.085	.277	-.387
140	2	-.187	.061	-.009	-.419
140	3	-.235	.096	.090	-.609
140	4	-.194	.090	.081	-.616
140	101	.053	.209	.754	-.951
140	102	.054	.131	.543	-.396
140	103	-.113	.128	.458	-.548
140	104	-.235	.114	.297	-.634
140	105	-.333	.103	.035	-.706
140	106	-.636	.114	-.291	-1.196
140	107	-.667	.128	-.288	-1.254
140	108	-.667	.141	-.239	-1.352
140	109	-.696	.169	-.183	-1.533
140	110	-.625	.131	-.245	-1.436
140	111	-.611	.157	-.038	-1.521
140	112	-.576	.173	-.056	-1.589
140	113	-.563	.190	.111	-1.986
140	114	-.536	.184	.168	-1.546
140	115	-.545	.245	.247	-1.934
140	116	-.440	.222	.257	-1.658
140	117	-.387	.198	.216	-1.345
140	118	-.361	.155	.091	-1.261
140	119	-.353	.135	.089	-1.072
140	120	-.324	.122	.072	-.817
140	121	-.293	.103	.087	-.845
140	122	-.270	.078	-.011	-.776
140	123	-.296	.094	-.031	-1.044
140	124	.381	.243	1.164	-.592
140	125	.381	.208	1.205	-.598
140	126	.247	.143	.802	-.156
140	127	-.056	.126	.366	-.404
140	128	-.249	.107	.105	-.644
140	129	-.625	.122	-.274	-1.359
140	130	-.612	.109	-.308	-1.240
140	131	-.659	.132	-.295	-1.476
140	132	-.688	.161	-.208	-1.539
140	133	-.629	.140	-.216	-1.277
140	134	-.572	.120	-.168	-1.277
140	135	-.564	.131	-.102	-1.377
140	136	-.583	.141	-.096	-1.468

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	137	-.608	.184	.345	-1.617
140	138	-.527	.149	.208	-1.361
140	139	-.444	.167	.233	-1.150
140	140	-.372	.148	.176	-1.094
140	141	-.376	.155	.167	-1.169
140	142	-.340	.103	.005	-.781
140	143	-.344	.114	.030	-1.188
140	144	-.306	.088	-.035	-.682
140	145	-.300	.071	-.077	-.681
140	146	-.292	.063	-.105	-.620
140	147	.417	.237	1.152	-.562
140	148	.446	.190	1.119	-.305
140	149	.310	.152	.845	-.145
140	150	-.024	.100	.341	-.319
140	151	-.252	.098	.106	-.555
140	152	-.587	.100	-.262	-1.191
140	153	-.589	.105	-.263	-1.084
140	154	-.589	.102	-.228	-1.247
140	155	-.653	.155	-.107	-1.665
140	156	-.586	.129	-.132	-1.156
140	157	-.561	.119	-.195	-1.056
140	158	-.525	.099	-.203	-.916
140	159	-.594	.129	-.156	-1.261
140	160	-.625	.192	.160	-1.980
140	161	-.590	.165	.324	-1.460
140	162	-.481	.148	.166	-1.047
140	163	-.444	.170	.214	-1.292
140	164	-.433	.177	.150	-1.362
140	165	-.392	.129	-.054	-.981
140	166	-.360	.101	-.056	-.848
140	167	-.357	.096	-.019	-1.100
140	168	-.352	.095	-.030	-1.106
140	169	-.370	.099	-.051	-1.012
140	170	.458	.190	1.105	-.417
140	171	.456	.180	1.140	-.340
140	172	.313	.153	.889	-.177
140	173	-.057	.119	.433	-.499
140	174	-.234	.097	.180	-.597
140	175	-.665	.121	-.304	-1.297
140	176	-.699	.120	-.335	-1.309
140	177	-.711	.149	-.010	-1.438
140	178	-.672	.161	-.086	-1.484
140	179	-.661	.165	-.087	-1.612
140	180	-.561	.132	-.172	-1.086
140	181	.475	.156	.223	-.999
140	182	-.559	.132	-.161	-1.055
140	183	-.591	.266	.536	-1.944
140	184	-.480	.240	.312	-1.344
140	185	-.380	.224	.163	-1.262
140	186	-.311	.154	.100	-1.002

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	187	-.348	.153	.111	-1.227
140	188	-.413	.132	.029	-.907
140	189	-.391	.127	-.018	-.977
140	190	-.355	.104	-.026	-.886
140	191	-.392	.134	.231	-1.151
140	192	-.438	.150	-.031	-1.153
140	193	-.596	.177	-.097	-1.334
140	194	-.510	.183	-.018	-1.310
140	195	-.258	.280	.645	-1.151
140	196	-.522	.213	.069	-1.445
140	197	-.153	.425	.968	-1.594
140	198	.385	.165	.975	-.498
140	199	.380	.165	1.026	-.258
140	200	.263	.145	.877	-.205
140	201	-.042	.118	.458	-.509
140	202	-.212	.111	.149	-.714
140	203	-.764	.196	-.294	-1.834
140	204	-.811	.209	-.162	-2.250
140	205	-.777	.261	.044	-2.152
140	206	-.562	.233	-.011	-1.503
140	207	-.437	.205	.069	-1.222
140	208	-.112	.169	.410	-1.018
140	209	-.128	.115	.346	-.967
140	210	-.165	.081	.149	-.573
140	211	-.252	.101	.079	-.633
140	212	-.357	.125	.041	-.877
140	213	-.367	.130	.071	-.883
140	214	-.364	.137	.076	-1.053
140	215	-.311	.172	.284	-1.329
140	216	-.339	.183	.184	-1.417
140	217	-.821	.254	-.214	-2.144
140	218	-.790	.243	-.089	-1.981
140	219	-.209	.223	.521	-1.380
140	220	-.089	.066	.200	-.446
140	221	-.182	.074	.123	-.516
140	222	-.225	.076	.062	-.508
140	223	.150	.103	.641	-.241
140	224	.171	.096	.614	-.094
140	225	.191	.103	.783	-.075
140	226	.076	.105	.546	-.200
140	227	-.095	.142	.533	-.597
140	228	-.662	.250	-.031	-2.112
140	229	-.563	.295	.076	-2.271
140	230	-.145	.156	.360	-1.768
140	231	-.068	.077	.216	-.843
140	232	-.090	.064	.132	-.503
140	233	-.123	.074	.245	-.424
140	234	-.085	.057	.120	-.290
140	235	-.143	.070	.096	-.402
140	236	-.215	.077	.039	-.521

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	237	-.290	.108	.029	-.796
140	238	-.261	.095	.006	-.719
140	239	-.301	.138	.133	-.917
140	240	-.232	.130	.255	-.960
140	241	-.235	.159	.292	-1.200
140	242	-.048	.055	.134	-.348
140	243	-.050	.060	.157	-.338
140	244	-.060	.059	.142	-.350
140	245	-.069	.062	.193	-.355
140	246	-.004	.098	.578	-.282
140	247	-.111	.076	.156	-.412
140	248	.027	.076	.348	-.292
140	249	.172	.082	.494	-.153
140	250	.166	.096	.618	-.217
140	251	.038	.127	.629	-.514
140	252	-.284	.167	.302	-1.391
140	253	-.117	.154	.409	-.904
140	254	-.043	.067	.280	-.324
140	255	-.108	.066	.169	-.309
140	256	-.053	.062	.214	-.258
140	257	-.071	.057	.223	-.305
140	258	-.037	.051	.163	-.210
140	259	-.130	.061	.112	-.366
140	260	.062	.118	.679	-.263
140	261	-.141	.069	.109	-.483
140	262	-.103	.052	.069	-.307
140	263	-.215	.061	-.013	-.449
140	264	-.214	.063	-.027	-.464
140	265	-.270	.081	-.005	-.642
140	266	-.272	.074	-.043	-.607
140	267	-.376	.110	-.057	-.921
140	268	-.193	.093	.149	-.559
140	269	-.169	.088	.127	-.592
140	270	-.010	.061	.225	-.319
140	271	-.262	.088	.146	-.602
140	272	-.182	.079	.086	-.514
140	273	.038	.070	.320	-.255
140	274	.047	.066	.282	-.197
140	275	-.188	.078	.058	-.542
140	276	-.119	.060	.136	-.394
140	277	.060	.071	.441	-.173
140	278	.120	.069	.566	-.056
140	279	.211	.104	.883	-.067
140	280	.235	.108	.922	-.007
140	281	.164	.106	.712	-.126
140	282	-.042	.104	.404	-.456
140	283	-.016	.094	.369	-.459
140	284	.012	.067	.312	-.210
140	285	-.033	.061	.231	-.215
140	286	-.043	.056	.200	-.224

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	287	-.122	.069	.151	-.376
140	288	-.006	.066	.330	-.223
140	289	-.064	.063	.164	-.324
140	290	.155	.093	.519	-.120
140	291	-.185	.080	.097	-.537
140	292	-.072	.055	.131	-.253
140	293	-.141	.058	.055	-.352
140	294	-.191	.060	-.001	-.495
140	295	-.374	.117	-.038	-1.176
140	296	-.323	.115	-.014	-1.230
140	297	-.196	.137	.422	-.748
140	298	-.070	.057	.168	-.269
140	299	-.132	.060	.125	-.329
140	301	-.308	.097	-.023	-.841
140	302	-.299	.082	-.032	-.721
140	303	-.320	.112	.056	-.887
140	304	-.339	.119	.019	-.965
140	305	-.342	.120	-.046	-1.044
140	306	-.316	.121	.016	-.997
140	307	-.299	.161	.171	-1.000
140	308	-.320	.204	.229	-1.438
140	309	-.364	.249	.393	-1.182
140	310	-.326	.363	.979	-1.557
140	311	-.568	.227	.386	-1.928
140	312	-.529	.197	.174	-1.856
140	313	-.629	.194	-.091	-1.769
140	314	-.660	.171	-.149	-1.494
140	315	-.695	.209	-.025	-1.828
140	316	-.742	.173	-.143	-1.450
140	317	-.741	.151	-.289	-1.658
140	318	-.734	.140	-.369	-1.709
140	319	-.316	.120	.228	-.708
140	320	-.123	.127	.517	-.534
140	321	.026	.139	.555	-.405
140	322	.146	.132	.649	-.224
140	323	.229	.155	.816	-.294
140	324	-.320	.078	-.100	-.831
140	325	-.314	.076	-.041	-.777
140	326	-.325	.081	-.086	-.759
140	327	-.347	.109	-.019	-.840
140	328	-.349	.110	-.027	-1.041
140	329	-.332	.124	.090	-.992
140	330	-.316	.124	.118	-.807
140	331	-.349	.202	.276	-1.025
140	332	-.427	.247	.542	-1.128
140	333	-.478	.325	.928	-1.696
140	334	-.553	.145	.109	-1.090
140	335	-.463	.177	.536	-1.159
140	336	-.544	.145	-.047	-1.171
140	337	-.604	.167	.013	-1.500

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	338	-.668	.184	-.038	-1.709
140	339	-.697	.169	-.107	-1.516
140	340	-.681	.144	-.241	-1.342
140	341	-.663	.142	-.226	-1.504
140	342	-.170	.101	.272	-.585
140	343	.066	.136	.762	-.324
140	344	.382	.166	1.074	-.079
140	345	.510	.174	1.158	-.025
140	346	.506	.159	1.165	-.236
140	347	-.358	.084	-.077	-.790
140	348	-.352	.084	-.066	-.751
140	349	-.368	.108	-.061	-.942
140	350	-.384	.119	-.043	-1.170
140	351	-.403	.138	.006	-1.111
140	352	-.361	.151	.254	-1.027
140	353	-.364	.171	.237	-1.073
140	354	-.417	.179	.290	-1.145
140	355	-.516	.208	.427	-1.285
140	356	-.603	.247	.604	-1.895
140	357	-.564	.154	.065	-1.209
140	358	-.505	.131	.313	-1.047
140	359	-.546	.144	.045	-1.238
140	360	-.595	.154	-.079	-1.600
140	361	-.658	.189	-.079	-1.807
140	362	-.638	.139	-.104	-1.607
140	363	-.627	.137	-.238	-1.498
140	364	-.614	.133	-.228	-1.395
140	365	-.213	.105	.286	-.734
140	366	.064	.112	.517	-.308
140	367	.425	.163	1.049	-.061
140	368	.561	.171	1.312	.033
140	369	.574	.187	1.251	.065
140	370	-.349	.108	.039	-.811
140	371	-.327	.114	.151	-.860
140	372	-.344	.140	.067	-1.075
140	373	-.328	.149	.233	-1.057
140	374	-.368	.134	.159	-.955
140	375	-.358	.167	.199	-1.198
140	376	-.262	.154	.213	-1.000
140	377	-.325	.205	.350	-1.167
140	378	-.511	.229	.435	-1.471
140	379	-.721	.343	1.094	-2.133
140	380	-.553	.149	.086	-1.295
140	381	-.471	.144	.162	-.943
140	382	-.573	.132	-.145	-1.120
140	383	-.739	.181	-.142	-1.478
140	384	-.714	.190	-.017	-1.493
140	385	-.693	.179	-.028	-1.995
140	386	-.724	.152	-.386	-1.575
140	387	-.763	.170	-.390	-1.751

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	388	-.253	.101	.119	-.626
140	389	-.009	.120	.560	-.403
140	390	.326	.139	1.023	-.105
140	391	.452	.172	1.248	-.071
140	392	.488	.160	1.180	-.003
140	393	-.344	.410	1.701	-2.050
140	394	-.603	.207	.133	-1.415
140	395	-.493	.264	.893	-1.461
140	396	-.565	.196	.271	-1.470
140	397	-.608	.186	.013	-1.311
140	398	-.289	.126	.268	-.797
140	399	-.297	.135	.274	-.913
140	400	-.211	.124	.146	-.977
140	401	-.207	.136	.345	-.879
140	402	-.233	.119	.246	-.797
140	403	-.232	.126	.439	-.731
140	404	-.121	.118	.527	-.649
140	405	-.099	.146	.340	-.989
140	406	-.195	.194	.341	-1.082
140	407	-.600	.239	.146	-2.017
140	408	-.634	.215	.142	-1.496
140	409	-.720	.228	.016	-1.721
140	410	-.779	.201	-.273	-1.872
140	411	-.818	.236	-.226	-2.160
140	412	-.350	.112	.089	-.799
140	413	-.120	.112	.409	-.513
140	414	.173	.118	.610	-.292
140	415	.297	.168	1.002	-.180
140	416	.346	.171	1.025	-.435
140	417	-.150	.097	.253	-.559
140	418	-.154	.077	.164	-.490
140	419	-.146	.122	.407	-.799
140	420	-.390	.278	.229	-1.514
140	421	-.767	.258	-.028	-1.885
140	422	-.788	.227	-.105	-1.750
140	423	-.259	.108	.120	-.765
140	424	-.167	.080	.096	-.481
140	425	-.154	.068	.091	-.483
140	426	-.196	.080	.050	-.747
140	427	-.227	.096	.074	-.838
140	428	-.135	.066	.193	-.419
140	429	-.131	.069	.153	-.408
140	430	-.141	.064	.138	-.414
140	431	-.173	.091	.219	-.598
140	432	-.126	.100	.239	-.972
140	433	-.191	.166	.247	-1.048
140	434	-.369	.209	.216	-1.417
140	435	-.627	.281	.069	-2.670
140	436	-.545	.231	.054	-2.151
140	437	-.276	.121	.178	-.739

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	438	-.184	.084	.206	-.471
140	439	-.105	.069	.190	-.349
140	440	.005	.092	.227	-.852
140	441	-.048	.143	.377	-.881
140	442	-.080	.111	.466	-.502
140	443	-.174	.080	.139	-.458
140	444	-.087	.070	.225	-.301
140	445	-.111	.076	.199	-.419
140	446	-.163	.089	.154	-.667
140	447	-.171	.078	.103	-.483
140	448	-.140	.079	.181	-.442
140	449	-.126	.065	.124	-.366
140	450	-.142	.066	.081	-.422
140	451	-.161	.079	.101	-.590
140	452	-.114	.066	.188	-.332
140	453	-.106	.063	.139	-.369
140	454	-.096	.056	.148	-.302
140	455	-.128	.078	.166	-.505
140	456	-.086	.091	.367	-.496
140	457	-.102	.064	.179	-.338
140	458	-.083	.055	.148	-.256
140	459	-.114	.062	.164	-.352
140	460	-.126	.081	.111	-.639
140	461	-.152	.110	.189	-.718
140	462	-.188	.089	.083	-.629
140	463	-.232	.112	.137	-1.072
140	464	-.214	.110	.080	-.972
140	465	-.180	.083	.129	-.586
140	466	-.150	.064	.110	-.389
140	467	-.117	.066	.103	-.367
140	468	-.179	.134	.164	-.972
140	469	-.284	.137	.064	-.888
140	470	-.122	.053	.102	-.309
140	471	-.184	.104	.205	-.638
140	472	-.177	.100	.191	-.636
140	473	-.120	.054	.115	-.306
140	474	-.117	.048	.083	-.329
140	475	-.125	.096	.198	-.525
140	476	-.109	.092	.222	-.486
140	477	-.113	.057	.079	-.381
140	478	-.115	.051	.054	-.341
140	479	-.120	.054	.079	-.302
140	480	-.115	.055	.053	-.327
140	481	-.116	.058	.098	-.345
140	482	-.106	.050	.083	-.280
140	483	-.106	.056	.164	-.306
140	484	-.075	.057	.237	-.259
140	485	-.082	.071	.251	-.378
140	486	-.002	.084	.396	-.398
140	487	-.085	.071	.181	-.411

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	488	-.058	.062	.193	-.295
140	489	-.098	.071	.124	-.486
140	490	-.104	.063	.114	-.386
140	491	-.097	.073	.237	-.413
140	492	-.079	.085	.261	-.421
140	493	-.123	.105	.241	-.605
140	494	-.152	.104	.160	-.733
140	495	-.065	.086	.217	-.348
140	496	-.008	.083	.280	-.298
140	497	-.027	.101	.404	-.495
140	498	-.112	.093	.182	-.555
140	499	-.119	.105	.271	-.590
140	800	-.091	.100	.553	-.514
140	802	-.081	.073	.177	-.484
140	803	-.079	.063	.179	-.518
140	804	-.067	.053	.148	-.254
140	805	-.140	.095	.140	-.585
140	806	-.125	.088	.172	-.578
140	807	-.096	.119	.445	-.768
140	808	-.094	.063	.158	-.317
140	901	-.261	.171	.242	-.818
140	902	-.733	.172	-.290	-1.438
140	903	-.174	.136	.350	-.786
140	904	-.318	.185	.472	-.983
140	905	-.687	.176	-.058	-1.376
140	906	-.782	.160	-.321	-1.402
140	907	-.234	.140	.165	-.779
140	908	-.808	.180	-.115	-1.506
140	909	-.167	.134	.312	-.593
140	910	-.415	.179	.201	-1.139
140	911	-.806	.157	-.446	-1.530
140	912	-.801	.258	-.062	-2.393
140	913	-.482	.368	-.609	-1.752
140	914	-.794	.330	-.094	-3.914
140	915	-.396	.248	.235	-1.233
140	916	-.790	.176	-.328	-1.539
140	917	-.327	.164	.233	-1.118
140	918	-.737	.133	-.369	-1.320
140	919	-.809	.190	-.072	-1.705
140	920	-.403	.174	.367	-.996
140	921	-.263	.154	.285	-.984
140	922	-.793	.157	-.269	-1.385
140	923	-.350	.175	.156	-.968
140	924	-.784	.154	-.343	-1.330
140	925	-.523	.160	.142	-1.239
140	926	-.242	.115	.210	-.664
140	927	-.710	.282	.283	-2.202
140	928	-.655	.245	.288	-2.956
140	929	-.643	.314	.514	-2.057
140	930	-.461	.200	.357	-1.217

APPENDIX A -- PRESSURE DATA : CONFIGURATION A : TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	1	-.095	.090	.340	-.416	150	147	.204	.294	1.108	-1.040	150	197	-.393	.320	.613	-1.427
150	2	-.218	.058	-.001	-.431	150	148	.287	.239	1.131	-1.111	150	198	.215	.184	.875	-.531
150	3	-.282	.088	.076	-.715	150	149	.178	.144	.721	-.201	150	199	.233	.166	.882	-.426
150	4	-.166	.076	.069	-.573	150	150	-.120	.091	.220	-.389	150	200	.137	.129	.667	-.188
150	101	-.149	.255	.647	-1.147	150	151	-.320	.089	.028	-.603	150	201	-.135	.103	.230	-.465
150	102	-.024	.131	.473	-.606	150	152	-.549	.088	-.271	-.900	150	202	-.274	.092	.020	-.660
150	103	-.158	.110	.315	-.483	150	153	-.557	.089	-.222	-1.168	150	203	-.693	.149	-.334	-1.534
150	104	-.274	.097	.112	-.652	150	154	-.550	.081	-.241	-.943	150	204	-.731	.154	-.344	-1.635
150	105	-.391	.094	-.035	-.723	150	155	-.619	.118	-.118	-1.254	150	205	-.750	.179	-.274	-1.844
150	106	-.616	.105	-.283	-1.043	150	156	-.556	.101	-.210	-1.002	150	206	-.631	.162	-.182	-1.335
150	107	-.649	.119	-.257	-1.158	150	157	-.547	.101	-.234	-.939	150	207	-.532	.170	-.077	-1.208
150	108	-.643	.119	-.226	-1.115	150	158	-.516	.086	-.241	-.825	150	208	-.268	.171	.263	-.968
150	109	-.636	.123	-.208	-1.268	150	159	-.572	.107	-.245	-1.075	150	209	-.201	.115	.143	-.892
150	110	-.591	.105	-.238	-1.089	150	160	-.585	.130	-.169	-1.262	150	210	-.211	.075	.104	-.545
150	111	-.594	.136	-.163	-1.379	150	161	-.568	.121	-.110	-1.056	150	211	-.268	.091	.103	-.651
150	112	-.585	.153	-.115	-1.567	150	162	-.496	.112	-.067	-.975	150	212	-.391	.111	-.023	-.798
150	113	-.540	.207	.307	-1.517	150	163	-.495	.141	-.031	-1.221	150	213	-.391	.122	-.005	-.957
150	114	-.514	.169	.009	-1.631	150	164	-.496	.157	.039	-1.314	150	214	-.385	.131	.015	-1.075
150	115	-.607	.233	.115	-2.150	150	165	-.455	.126	-.040	-1.039	150	215	-.294	.149	.199	-1.024
150	116	-.532	.196	.128	-1.482	150	166	-.413	.099	-.134	-.971	150	216	-.311	.152	.157	-1.118
150	117	-.479	.190	.312	-1.498	150	167	-.405	.097	-.064	-.904	150	217	-.765	.190	-.250	-1.839
150	118	-.445	.157	.172	-1.321	150	168	-.386	.094	-.080	-1.042	150	218	-.740	.175	-.278	-1.966
150	119	-.375	.134	.134	-1.235	150	169	-.393	.098	-.103	-.833	150	219	-.288	.212	.256	-1.305
150	120	-.342	.115	.166	-1.123	150	170	.188	.246	.881	-.716	150	220	-.138	.062	.093	-.552
150	121	-.307	.098	.092	-1.091	150	171	.249	.215	.882	-.600	150	221	-.196	.075	.103	-.456
150	122	-.269	.076	.026	-.758	150	172	.154	.144	.639	-.245	150	222	-.234	.075	.043	-.562
150	123	-.296	.092	.016	-.930	150	173	-.152	.106	.273	-.465	150	223	.086	.086	.464	-.228
150	124	.140	.284	.961	-.936	150	174	-.292	.087	.053	-.590	150	224	.099	.086	.480	-.213
150	125	.206	.253	.895	-.787	150	175	-.604	.104	-.297	-1.128	150	225	.103	.095	.668	-.214
150	126	.147	.123	.587	-.236	150	176	-.634	.102	-.344	-1.162	150	226	-.009	.079	.498	-.269
150	127	-.139	.105	.270	-.499	150	177	-.630	.112	-.326	-1.326	150	227	-.177	.107	.511	-.708
150	128	-.308	.088	.032	-.607	150	178	-.608	.113	-.252	-1.237	150	228	-.686	.230	-.176	-2.294
150	129	-.573	.100	-.304	-1.009	150	179	-.605	.119	-.249	-1.159	150	229	-.642	.260	.045	-2.014
150	130	-.554	.088	-.313	-.941	150	180	-.575	.111	-.263	-1.067	150	230	-.202	.155	.184	-1.408
150	131	-.603	.103	-.278	-1.028	150	181	-.532	.112	-.099	-1.000	150	231	-.106	.083	.211	-1.057
150	132	-.629	.119	-.318	-1.307	150	182	-.561	.102	-.241	-1.169	150	232	-.127	.068	.144	-.562
150	133	-.613	.112	-.269	-1.037	150	183	-.621	.159	.166	-1.359	150	233	-.161	.066	.067	-.489
150	134	-.575	.099	-.289	-1.026	150	184	-.590	.150	.052	-1.310	150	234	-.111	.052	.081	-.320
150	135	-.572	.111	-.247	-1.057	150	185	-.491	.164	.052	-1.199	150	235	-.158	.063	.088	-.497
150	136	-.586	.123	-.205	-1.205	150	186	-.390	.129	-.025	-.970	150	236	-.217	.068	.008	-.499
150	137	-.564	.135	-.204	-1.742	150	187	-.491	.136	.074	-1.041	150	237	-.282	.090	.004	-.648
150	138	-.516	.120	-.164	-1.263	150	188	-.433	.116	-.086	-.917	150	238	-.253	.079	.020	-.611
150	139	-.487	.133	.051	-1.137	150	189	-.426	.116	.002	-1.069	150	239	-.278	.114	.150	-.894
150	140	-.446	.140	.107	-1.030	150	190	-.372	.100	.048	-.789	150	240	-.210	.103	.152	-.703
150	141	-.451	.157	.068	-1.239	150	191	-.373	.123	.060	-.967	150	241	-.216	.126	.167	-.883
150	142	-.373	.097	-.069	-.776	150	192	-.406	.131	.035	-1.045	150	242	-.071	.049	.123	-.409
150	143	-.375	.099	-.036	-.755	150	193	-.630	.139	-.195	-1.216	150	243	-.074	.053	.145	-.259
150	144	-.333	.076	-.058	-.765	150	194	-.578	.130	-.158	-1.087	150	244	-.085	.052	.127	-.268
150	145	-.323	.070	-.044	-.627	150	195	-.486	.185	.391	-1.121	150	245	-.098	.055	.210	-.276
150	146	-.307	.063	-.086	-.598	150	196	-.610	.146	-.115	-1.157	150	246	-.063	.079	.395	-.264

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	247	-.099	.071	.135	-.428
150	248	-.007	.064	.293	-.244
150	249	.097	.080	.462	-.143
150	250	.087	.088	.582	-.198
150	251	-.032	.107	.635	-.472
150	252	-.271	.139	.158	-1.078
150	253	-.129	.114	.217	-1.214
150	254	-.075	.062	.197	-.361
150	255	-.137	.065	.127	-.335
150	256	-.081	.060	.133	-.262
150	257	-.106	.056	.089	-.417
150	258	-.069	.050	.115	-.268
150	259	-.165	.060	.047	-.454
150	260	-.003	.097	.490	-.329
150	261	-.142	.065	.097	-.441
150	262	-.112	.050	.076	-.295
150	263	-.218	.058	-.010	-.503
150	264	-.209	.057	-.012	-.504
150	265	-.267	.069	-.061	-.607
150	266	-.268	.062	-.080	-.613
150	267	-.368	.091	-.046	-.903
150	268	-.165	.077	.103	-.434
150	269	-.147	.072	.092	-.429
150	270	-.014	.053	.170	-.329
150	271	-.244	.073	.034	-.622
150	272	-.182	.067	.031	-.454
150	273	.015	.058	.287	-.222
150	274	.019	.053	.278	-.208
150	275	-.198	.069	.019	-.508
150	276	-.127	.053	.051	-.361
150	277	.023	.058	.247	-.200
150	278	.062	.055	.283	-.105
150	279	.109	.083	.457	-.157
150	280	.166	.092	.803	-.092
150	281	.131	.103	.694	-.197
150	282	-.012	.101	.476	-.428
150	283	-.026	.088	.431	-.369
150	284	-.017	.066	.298	-.227
150	285	-.068	.059	.220	-.286
150	286	-.075	.054	.138	-.268
150	287	-.159	.068	.088	-.423
150	288	-.036	.065	.356	-.269
150	289	-.087	.061	.232	-.298
150	290	.113	.088	.550	-.132
150	291	-.169	.078	.186	-.516
150	292	-.082	.054	.148	-.269
150	293	-.155	.056	.052	-.382
150	294	-.203	.058	-.001	-.485
150	295	-.421	.122	-.113	-1.045
150	296	-.366	.125	-.012	-1.146
150	297	-.142	.126	.210	-.649
150	298	-.078	.053	.167	-.297
150	299	-.139	.057	.078	-.335
150	301	-.302	.094	-.003	-.858
150	302	-.332	.085	-.055	-.718
150	303	-.388	.114	-.006	-.966
150	304	-.333	.113	.003	-.882
150	305	-.333	.108	-.036	-.952
150	306	-.343	.097	.047	-.777
150	307	-.357	.132	.146	-1.038
150	308	-.268	.155	.233	-1.016
150	309	-.336	.232	.474	-1.276
150	310	-.152	.375	.962	-1.470
150	311	-.457	.361	.966	-2.041
150	312	-.405	.257	.776	-1.541
150	313	-.566	.256	.151	-1.704
150	314	-.648	.212	-.006	-1.496
150	315	-.685	.262	.179	-1.540
150	316	-.711	.231	.195	-1.532
150	317	-.742	.192	.052	-1.522
150	318	-.786	.168	-.299	-1.589
150	319	-.295	.156	.329	-.861
150	320	-.013	.161	.662	-.568
150	321	.124	.163	.836	-.423
150	322	.186	.145	1.013	-.223
150	323	.208	.170	.845	-.244
150	324	-.325	.074	-.109	-.813
150	325	-.332	.076	-.057	-.931
150	326	-.380	.082	-.038	-.926
150	327	-.436	.105	-.034	-1.166
150	328	-.350	.100	-.021	-1.061
150	329	-.324	.106	.092	-.886
150	330	-.340	.109	.069	-.945
150	331	-.373	.182	.025	-1.186
150	332	-.340	.230	.495	-1.313
150	333	-.349	.340	.992	-1.619
150	334	-.511	.171	.126	-1.214
150	335	-.412	.214	.728	-1.184
150	336	-.465	.169	.145	-1.199
150	337	-.544	.202	.127	-1.930
150	338	-.655	.216	.052	-1.689
150	339	-.767	.222	.089	-1.870
150	340	-.651	.185	.041	-1.563
150	341	-.639	.169	-.166	-1.330
150	342	-.132	.113	.299	-.648
150	343	.106	.154	.816	-.517
150	344	.480	.180	1.225	-.021
150	345	.577	.192	1.322	.002
150	346	.502	.173	1.116	-.001
150	347	-.479	.099	-.202	-1.026
150	348	-.384	.094	-.124	-.897
150	349	-.393	.115	-.064	-1.047
150	350	-.431	.115	-.072	-1.114
150	351	-.482	.137	-.034	-1.347
150	352	-.340	.131	.231	-1.004
150	353	-.308	.157	.165	-1.104
150	354	-.354	.184	.252	-1.135
150	355	-.477	.259	.750	-1.214
150	356	-.487	.295	.990	-1.882
150	357	-.456	.171	.215	-1.141
150	358	-.397	.167	.472	-.855
150	359	-.510	.169	.109	-1.179
150	360	-.513	.179	.088	-1.320
150	361	-.602	.224	.392	-1.855
150	362	-.661	.167	-.043	-1.535
150	363	-.692	.171	-.107	-1.585
150	364	-.578	.156	-.088	-1.334
150	365	-.149	.110	.238	-.648
150	366	.092	.124	.569	-.231
150	367	.429	.196	1.299	-.034
150	368	.558	.190	1.356	.093
150	369	.535	.193	1.185	-.055
150	370	-.408	.106	-.072	-.906
150	371	-.426	.114	-.021	-1.146
150	372	-.368	.153	.057	-1.154
150	373	-.344	.150	.171	-1.182
150	374	-.374	.131	.088	-1.096
150	375	-.349	.134	.173	-.972
150	376	-.204	.121	.364	-.822
150	377	-.164	.187	.428	-.951
150	378	-.250	.261	.578	-1.183
150	379	-.416	.466	1.071	-2.235
150	380	-.388	.203	.362	-1.088
150	381	-.222	.210	.807	-.785
150	382	-.401	.163	.229	-1.080
150	383	-.590	.263	.154	-1.772
150	384	-.537	.264	.275	-1.649
150	385	-.642	.231	.319	-2.023
150	386	-.694	.180	-.100	-1.742
150	387	-.739	.204	-.217	-1.782
150	388	-.180	.110	.272	-.767
150	389	.053	.124	.556	-.386
150	390	.356	.156	.983	-.053
150	391	.422	.184	1.136	-.132
150	392	.428	.164	1.058	-.174
150	393	-.062	.362	.998	-2.447
150	394	-.311	.228	.441	-1.351
150	395	-.192	.263	.947	-1.137
150	396	-.313	.221	.385	-1.272
150	397	-.354	.212	.282	-1.334

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	398	-.303	.108	.163	-.797
150	399	-.325	.114	.110	-.986
150	400	-.221	.100	.077	-.739
150	401	-.230	.125	.166	-.974
150	402	-.261	.110	.072	-.889
150	403	-.265	.107	.149	-.828
150	404	-.141	.095	.318	-.610
150	405	-.082	.120	.572	-1.013
150	406	-.099	.155	.413	-.962
150	407	-.359	.243	.464	-1.610
150	408	-.368	.240	.252	-1.332
150	409	-.509	.270	.419	-1.774
150	410	-.670	.247	.203	-1.880
150	411	-.727	.289	.249	-2.201
150	412	-.270	.119	.226	-.925
150	413	-.082	.116	.533	-.582
150	414	.111	.110	.721	-.355
150	415	.188	.143	.814	-.394
150	416	.246	.134	.858	-.231
150	417	-.157	.085	.193	-.548
150	418	-.167	.071	.147	-.534
150	419	-.145	.096	.421	-.761
150	420	-.218	.188	.392	-1.139
150	421	-.511	.247	.161	-1.633
150	422	-.565	.224	.062	-1.612
150	423	-.259	.091	.103	-.649
150	424	-.162	.067	.178	-.420
150	425	-.165	.067	.104	-.472
150	426	-.210	.074	.043	-.748
150	427	-.243	.087	.088	-.792
150	428	-.140	.063	.105	-.399
150	429	-.126	.063	.145	-.404
150	430	-.135	.057	.138	-.364
150	431	-.156	.074	.215	-.494
150	432	-.088	.066	.210	-.477
150	433	-.116	.104	.180	-.924
150	434	-.230	.138	.225	-1.080
150	435	-.404	.220	.139	-1.784
150	436	-.347	.188	.123	-1.417
150	437	-.176	.117	.405	-.673
150	438	-.138	.091	.371	-.477
150	439	-.116	.076	.329	-.380
150	440	-.018	.065	.259	-.442
150	441	-.044	.095	.239	-.550
150	442	-.074	.088	.397	-.413
150	443	-.151	.068	.166	-.428
150	444	-.062	.061	.210	-.305
150	445	-.088	.062	.164	-.336
150	446	-.135	.064	.097	-.873
150	447	-.167	.067	.097	-.437
150	448	-.143	.066	.100	-.606
150	449	-.131	.058	.068	-.437
150	450	-.147	.058	.061	-.463
150	451	-.157	.068	.080	-.518
150	452	-.117	.058	.097	-.326
150	453	-.108	.057	.183	-.310
150	454	-.097	.050	.111	-.313
150	455	-.110	.065	.135	-.368
150	456	-.055	.070	.340	-.395
150	457	-.067	.059	.162	-.271
150	458	-.061	.052	.125	-.239
150	459	-.085	.058	.130	-.294
150	460	-.079	.064	.157	-.338
150	461	-.096	.073	.117	-.482
150	462	-.128	.068	.051	-.510
150	463	-.166	.092	.078	-.709
150	464	-.154	.094	.114	-.739
150	465	-.121	.074	.291	-.440
150	466	-.112	.061	.237	-.337
150	467	-.094	.062	.145	-.325
150	468	-.119	.091	.185	-.618
150	469	-.179	.111	.113	-.625
150	470	-.136	.080	.089	-.306
150	471	-.133	.081	.097	-.557
150	472	-.118	.078	.114	-.530
150	473	-.126	.056	.054	-.318
150	474	-.127	.051	.051	-.296
150	475	-.105	.075	.185	-.430
150	476	-.085	.073	.147	-.478
150	477	-.114	.055	.096	-.372
150	478	-.124	.050	.058	-.375
150	479	-.130	.052	.061	-.447
150	480	-.123	.052	.078	-.373
150	481	-.123	.052	.068	-.369
150	482	-.116	.043	.061	-.246
150	483	-.112	.048	.111	-.254
150	484	-.079	.048	.133	-.224
150	485	-.092	.059	.124	-.301
150	486	-.036	.063	.275	-.265
150	487	-.064	.057	.197	-.297
150	488	-.044	.053	.237	-.262
150	489	-.061	.053	.150	-.245
150	490	-.074	.050	.101	-.344
150	491	-.067	.057	.171	-.270
150	492	-.037	.061	.297	-.311
150	493	-.051	.075	.291	-.503
150	494	-.079	.077	.249	-.487
150	495	-.036	.064	.245	-.299
150	496	.003	.064	.313	-.247
150	497	-.012	.078	.362	-.303
150	498	-.062	.072	.215	-.389
150	499	-.064	.077	.211	-.397
150	801	-.137	.082	.295	-.505
150	802	-.101	.066	.153	-.421
150	803	-.100	.061	.141	-.353
150	804	-.084	.054	.125	-.332
150	805	-.102	.072	.152	-.518
150	806	-.090	.073	.185	-.480
150	807	-.071	.089	.341	-.722
150	808	-.076	.054	.101	-.282
150	901	-.213	.147	.249	-.794
150	902	-.723	.165	-.153	-1.385
150	903	-.128	.130	.289	-.672
150	904	-.248	.180	.304	-.979
150	905	-.631	.196	.121	-1.364
150	906	-.727	.162	-.261	-1.368
150	907	-.207	.116	-.172	-.820
150	908	-.724	.186	-.018	-1.420
150	909	-.165	.130	.399	-.670
150	910	-.333	.177	.204	-1.185
150	911	-.788	.133	-.401	-1.379
150	912	-.772	.202	-.201	-2.087
150	913	-.668	.236	-.183	-1.828
150	914	-.697	.194	-.158	-1.888
150	915	-.523	.161	.162	-1.075
150	916	-.809	.212	.036	-1.798
150	917	-.317	.171	.220	-1.162
150	918	-.796	.146	-.379	-1.579
150	919	-.718	.269	.199	-1.853
150	920	-.424	.181	.256	-1.206
150	921	-.248	.160	.274	-1.226
150	922	-.768	.161	-.236	-1.471
150	923	-.313	.167	-.145	-1.014
150	924	-.760	.160	-.339	-1.521
150	925	-.459	.170	.166	-1.093
150	926	-.236	.109	.172	-.670
150	927	-.487	.350	.510	-2.503
150	928	-.454	.332	.401	-2.574
150	929	-.323	.354	.688	-2.689
150	930	-.178	.222	.510	-1.200
160	1	-.097	.064	.165	-.297
160	2	-.219	.052	-.047	-.409
160	3	-.276	.067	-.036	-.552
160	4	-.167	.060	.064	-.397
160	101	-.238	.190	.494	-.868
160	102	-.059	.104	.306	-.584
160	103	-.162	.088	.186	-.516
160	104	-.259	.083	.027	-.592
160	105	-.356	.083	-.072	-.649
160	106	-.491	.090	-.204	-.846

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	107	-.526	.105	-.194	-.927
160	108	-.529	.106	-.169	-1.121
160	109	-.559	.115	-.149	-.996
160	110	-.521	.103	-.195	-.867
160	111	-.521	.129	-.166	-1.369
160	112	-.517	.135	-.171	-1.175
160	113	-.481	.189	.100	-1.487
160	114	-.420	.139	.085	-1.152
160	115	-.464	.170	.018	-1.773
160	116	-.471	.170	.092	-1.259
160	117	-.476	.181	.082	-1.578
160	118	-.448	.157	.035	-1.331
160	119	-.358	.132	.109	-1.105
160	120	-.322	.117	.076	-1.046
160	121	-.268	.095	.068	-.784
160	122	-.240	.077	.023	-.980
160	123	-.268	.088	.025	-.682
160	124	-.040	.221	.786	-1.236
160	125	.077	.187	.642	-.661
160	126	.044	.087	.352	-.444
160	127	-.202	.076	.149	-.556
160	128	-.334	.074	-.025	-.634
160	129	-.501	.089	-.258	-.861
160	130	-.480	.078	-.276	-.791
160	131	-.527	.093	-.281	-.930
160	132	-.552	.102	-.260	-.966
160	133	-.534	.106	-.142	-.961
160	134	-.503	.092	-.244	-.871
160	135	-.508	.099	-.229	-.885
160	136	-.527	.110	-.227	-1.123
160	137	-.495	.105	-.188	-1.026
160	138	-.435	.089	-.170	-.966
160	139	-.452	.112	-.101	-1.007
160	140	-.462	.130	-.063	-1.008
160	141	-.484	.146	-.030	-1.119
160	142	-.381	.092	-.080	-.706
160	143	-.373	.097	-.033	-.766
160	144	-.314	.078	-.065	-.683
160	145	-.317	.078	-.077	-.765
160	146	-.301	.071	-.089	-.681
160	147	.035	.231	.950	-.750
160	148	.157	.185	.847	-.707
160	149	.060	.112	.494	-.707
160	150	-.194	.068	.177	-.545
160	151	-.366	.077	.011	-.659
160	152	-.530	.091	-.270	-.987
160	153	-.531	.084	-.253	-.861
160	154	-.515	.075	-.294	-.782
160	155	-.578	.100	-.297	-1.047
160	156	-.534	.091	-.272	-.926
160	157	-.526	.087	-.253	-.919
160	158	-.489	.073	-.250	-.754
160	159	-.549	.091	-.260	-1.131
160	160	-.565	.100	-.270	-.954
160	161	-.558	.103	-.272	-1.177
160	162	-.500	.096	-.163	-.927
160	163	-.506	.122	-.089	-.939
160	164	-.504	.132	-.039	-1.038
160	165	-.481	.116	-.130	-1.005
160	166	-.436	.094	-.161	-1.016
160	167	-.421	.093	-.087	-.923
160	168	-.378	.090	-.051	-1.125
160	169	-.381	.103	-.039	-1.054
160	170	.036	.184	.761	-.644
160	171	.126	.163	.749	-.862
160	172	.026	.108	.525	-.519
160	173	-.251	.083	.110	-.628
160	174	-.364	.073	-.086	-.733
160	175	-.593	.097	-.307	-.966
160	176	-.623	.095	-.335	-.971
160	177	-.634	.098	-.360	-1.081
160	178	-.607	.094	-.314	-1.017
160	179	-.608	.105	-.282	-1.126
160	180	-.582	.111	-.233	-1.048
160	181	-.489	.108	-.141	-.943
160	182	-.530	.099	-.218	-.906
160	183	-.575	.138	-.055	-1.140
160	184	-.561	.136	-.089	-1.043
160	185	-.488	.146	-.047	-1.216
160	186	-.390	.111	.071	-.887
160	187	-.404	.117	-.071	-1.043
160	188	-.440	.101	-.151	-.886
160	189	-.431	.108	-.023	-1.142
160	190	-.390	.109	.030	-.882
160	191	-.317	.107	.137	-.905
160	192	-.336	.105	-.009	-.929
160	193	-.582	.138	-.205	-1.246
160	194	-.546	.141	-.081	-1.303
160	195	-.421	.180	-.369	-1.133
160	196	-.565	.158	-.036	-1.684
160	197	-.375	.287	.600	-1.396
160	198	.008	.154	.701	-.711
160	199	.045	.141	.738	-.644
160	200	-.005	.104	.500	-.398
160	201	-.219	.102	.186	-.603
160	202	-.341	.098	-.011	-.754
160	203	-.733	.166	-.329	-1.788
160	204	-.774	.173	-.270	-1.958
160	205	-.751	.207	-.148	-1.871
160	206	-.543	.169	-.122	-1.356
160	207	-.484	.143	-.050	-1.082
160	208	-.270	.120	.088	-.876
160	209	-.248	.096	.041	-.849
160	210	-.238	.070	.030	-.617
160	211	-.288	.087	.037	-.665
160	212	-.359	.109	-.076	-.786
160	213	-.354	.114	-.055	-1.029
160	214	-.288	.118	.027	-.990
160	215	-.206	.091	.139	-.702
160	216	-.223	.083	.108	-.712
160	217	-.736	.217	-.227	-1.863
160	218	-.693	.201	-.153	-1.755
160	219	-.259	.156	.171	-1.201
160	220	-.187	.064	.034	-.547
160	221	-.213	.067	.056	-.549
160	222	-.216	.069	.001	-.603
160	223	-.035	.103	.384	-.542
160	224	-.041	.099	.283	-.552
160	225	-.023	.086	.462	-.298
160	226	-.077	.069	.220	-.321
160	227	-.185	.084	.120	-.561
160	228	-.504	.169	-.118	-1.681
160	229	-.424	.173	.054	-1.590
160	230	-.182	.078	.039	-.786
160	231	-.152	.066	.091	-.481
160	232	-.193	.070	.056	-.512
160	233	-.194	.065	.014	-.510
160	234	-.140	.048	.018	-.350
160	235	-.164	.054	.062	-.394
160	236	-.203	.056	-.031	-.452
160	237	-.248	.083	.004	-.827
160	238	-.217	.077	-.011	-.827
160	239	-.190	.077	.091	-.719
160	240	-.172	.059	.054	-.413
160	241	-.175	.065	.113	-.594
160	242	-.121	.053	.061	-.389
160	243	-.124	.056	.071	-.324
160	244	-.136	.057	.056	-.315
160	245	-.146	.054	.063	-.313
160	246	-.115	.060	.263	-.297
160	247	-.126	.087	.162	-.523
160	248	-.077	.079	.183	-.455
160	249	-.058	.076	.273	-.329
160	250	-.071	.067	.220	-.290
160	251	-.165	.082	.211	-.448
160	252	-.246	.093	.068	-.705
160	253	-.186	.088	.125	-.790
160	254	-.139	.055	.046	-.344
160	255	-.188	.055	.013	-.377
160	256	-.134	.051	.053	-.310

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	257	-.155	.061	.094	-.437
160	258	-.123	.056	.105	-.322
160	259	-.209	.063	.031	-.495
160	260	-.081	.084	.262	-.327
160	261	-.149	.060	.032	-.405
160	262	-.128	.050	.034	-.308
160	263	-.208	.057	.006	-.441
160	264	-.181	.055	-.009	-.407
160	265	-.228	.062	-.010	-.635
160	266	-.226	.059	.036	-.541
160	267	-.251	.073	.018	-.559
160	268	-.156	.058	.093	-.367
160	269	-.156	.057	.064	-.348
160	270	-.034	.072	.173	-.538
160	271	-.238	.062	.016	-.500
160	272	-.179	.056	.048	-.377
160	273	-.048	.080	.187	-.375
160	274	-.039	.073	.198	-.467
160	275	-.212	.061	.021	-.448
160	276	-.151	.054	.060	-.350
160	277	-.038	.087	.231	-.392
160	278	-.035	.083	.220	-.411
160	279	-.069	.090	.190	-.479
160	280	-.008	.090	.448	-.342
160	281	-.027	.089	.413	-.341
160	282	-.119	.093	.345	-.570
160	283	-.152	.089	.295	-.595
160	284	-.101	.060	.140	-.365
160	285	-.120	.054	.062	-.319
160	286	-.123	.049	.029	-.305
160	287	-.197	.059	-.007	-.459
160	288	-.099	.057	.157	-.327
160	289	-.124	.057	.079	-.314
160	290	-.008	.081	.524	-.214
160	291	-.166	.068	.067	-.500
160	292	-.101	.053	.108	-.263
160	293	-.142	.051	.037	-.356
160	294	-.162	.051	.004	-.391
160	295	-.307	.094	-.064	-.769
160	296	-.242	.093	.001	-.740
160	297	-.110	.059	.089	-.380
160	298	-.119	.045	.029	-.281
160	299	-.177	.053	-.005	-.377
160	301	-.269	.097	.102	-.913
160	302	-.294	.088	.032	-.793
160	303	-.369	.116	.093	-.930
160	304	-.334	.120	.024	-1.036
160	305	-.359	.130	-.012	-1.172
160	306	-.324	.103	.582	-.772
160	307	-.344	.133	.834	-1.009
160	308	-.270	.138	.435	-.851
160	309	-.306	.171	.359	-1.258
160	310	-.306	.212	.867	-1.381
160	311	-.391	.206	.809	-1.380
160	312	-.302	.174	.397	-1.133
160	313	-.320	.215	.350	-1.387
160	314	-.395	.209	.229	-1.304
160	315	-.468	.271	.330	-1.585
160	316	-.464	.276	.397	-1.419
160	317	-.495	.260	.396	-1.842
160	318	-.530	.229	.263	-1.674
160	319	-.298	.188	.347	-1.093
160	320	-.078	.203	.771	-.806
160	321	.111	.212	.798	-.808
160	322	.241	.184	.995	-.606
160	323	.231	.203	1.086	-.765
160	324	-.303	.072	-.063	-.750
160	325	-.308	.083	-.024	-.796
160	326	-.356	.089	.040	-.836
160	327	-.450	.146	.075	-1.484
160	328	-.393	.173	-.023	-1.871
160	329	-.283	.125	.455	-.747
160	330	-.270	.129	.411	-.712
160	331	-.290	.172	.456	-1.108
160	332	-.246	.181	.571	-1.013
160	333	-.284	.253	.924	-1.454
160	334	-.326	.150	.191	-1.047
160	335	-.286	.174	.648	-.992
160	336	-.279	.161	.376	-1.133
160	337	-.324	.183	.275	-1.370
160	338	-.424	.208	.140	-1.515
160	339	-.485	.226	.137	-1.530
160	340	-.396	.193	.169	-1.466
160	341	-.403	.192	.165	-1.564
160	342	-.132	.127	.371	-.728
160	343	.018	.203	.804	-.737
160	344	.406	.265	1.293	-.637
160	345	.532	.259	1.638	-.649
160	346	.445	.209	1.196	-.618
160	347	-.437	.091	-.120	-.883
160	348	-.343	.089	.000	-1.062
160	349	-.369	.116	.021	-.985
160	350	-.456	.162	-.049	-1.446
160	351	-.540	.243	-.058	-2.148
160	352	-.254	.157	.510	-1.118
160	353	-.185	.181	.667	-.939
160	354	-.174	.200	.606	-.944
160	355	-.275	.249	.567	-1.212
160	356	-.291	.278	.701	-1.732
160	357	-.254	.197	.408	-1.303
160	358	-.203	.176	.476	-.894
160	359	-.302	.201	.572	-1.078
160	360	-.339	.211	.275	-1.220
160	361	-.414	.250	.352	-1.506
160	362	-.450	.198	.215	-1.263
160	363	-.480	.210	.317	-1.449
160	364	-.382	.193	.261	-1.309
160	365	-.142	.123	.238	-.691
160	366	.019	.164	.558	-.503
160	367	.319	.268	1.105	-.532
160	368	.485	.241	1.356	-.484
160	369	.422	.205	1.143	-.603
160	370	-.358	.093	.032	-.824
160	371	-.389	.101	.048	-.863
160	372	-.320	.122	.087	-1.008
160	373	-.354	.160	.156	-1.312
160	374	-.359	.152	.017	-1.172
160	375	-.228	.131	.412	-.790
160	376	-.135	.141	.737	-.618
160	377	-.031	.160	.779	-.716
160	378	-.031	.176	.598	-.924
160	379	.002	.305	1.239	-1.601
160	380	-.134	.192	.450	-.893
160	381	.004	.158	.739	-.599
160	382	-.139	.169	.485	-.916
160	383	-.189	.237	.539	-1.469
160	384	-.223	.258	.337	-1.621
160	385	-.397	.288	.398	-1.897
160	386	-.503	.241	.105	-1.565
160	387	-.496	.261	.187	-1.591
160	388	-.115	.126	.284	-.663
160	389	.093	.126	.620	-.375
160	390	.354	.173	1.151	-.131
160	391	.401	.207	1.179	-.150
160	392	.344	.186	1.123	-.180
160	393	.062	.195	1.096	-1.055
160	394	-.040	.144	.485	-.896
160	395	.036	.148	.687	-.722
160	396	-.074	.178	.596	-1.084
160	397	-.054	.137	.420	-.910
160	398	-.226	.080	.113	-.597
160	399	-.222	.083	.165	-.650
160	400	-.219	.095	.075	-.699
160	401	-.237	.109	.044	-.893
160	402	-.240	.101	.007	-.966
160	403	-.162	.098	.384	-.682
160	404	-.096	.109	.564	-.588
160	405	-.026	.113	.580	-.347
160	406	-.011	.097	.472	-.461
160	407	-.058	.124	.429	-1.219

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	408	-.059	.121	.299	-1.044
160	409	-.108	.175	.370	-1.185
160	410	-.267	.249	.256	-1.932
160	411	-.328	.299	.284	-2.288
160	412	-.088	.130	.460	-.832
160	413	.014	.118	.527	-.532
160	414	.079	.108	.595	-.486
160	415	.079	.123	.849	-.540
160	416	.066	.118	.765	-.429
160	417	-.138	.083	.216	-.596
160	418	-.089	.086	.409	-.468
160	419	-.006	.103	.727	-.315
160	420	-.020	.083	.309	-.651
160	421	-.109	.169	.278	-1.349
160	422	-.155	.177	.263	-1.235
160	423	-.186	.068	.060	-.590
160	424	-.179	.061	.055	-.520
160	425	-.173	.074	.141	-.557
160	426	-.187	.076	.060	-.582
160	427	-.188	.088	.107	-.702
160	428	-.120	.073	.251	-.505
160	429	-.088	.080	.400	-.370
160	430	-.034	.082	.419	-.260
160	431	-.017	.093	.389	-.427
160	432	-.022	.078	.342	-.421
160	433	-.017	.077	.380	-.342
160	434	-.030	.074	.261	-.632
160	435	-.055	.101	.242	-.899
160	436	-.069	.108	.186	-.779
160	437	-.026	.088	.385	-.415
160	438	-.011	.076	.369	-.423
160	439	-.011	.075	.354	-.410
160	440	-.026	.063	.178	-.353
160	441	-.037	.074	.266	-.444
160	442	-.009	.082	.334	-.353
160	443	-.019	.079	.362	-.310
160	444	-.004	.076	.382	-.275
160	445	-.019	.071	.291	-.265
160	446	-.028	.062	.238	-.328
160	447	-.194	.065	.053	-.542
160	448	-.160	.061	.057	-.424
160	449	-.160	.066	.046	-.549
160	450	-.177	.069	.004	-.741
160	451	-.186	.082	.032	-.827
160	452	-.133	.062	.159	-.486
160	453	-.115	.074	.321	-.449
160	454	-.091	.071	.283	-.332
160	455	-.086	.104	.336	-.601
160	456	-.007	.088	.437	-.519
160	457	.003	.079	.308	-.401
160	458	.008	.070	.290	-.297
160	459	-.022	.077	.296	-.406
160	460	-.022	.071	.266	-.349
160	461	-.016	.077	.335	-.627
160	462	-.015	.069	.299	-.396
160	463	-.016	.090	.409	-.384
160	464	-.008	.102	.465	-.966
160	465	-.015	.092	.421	-.512
160	466	-.014	.079	.436	-.297
160	467	-.028	.084	.418	-.333
160	468	-.048	.073	.341	-.447
160	469	-.058	.072	.298	-.438
160	470	-.176	.053	.018	-.436
160	471	-.047	.068	.307	-.283
160	472	-.050	.069	.196	-.360
160	473	-.161	.058	.041	-.359
160	474	-.165	.055	.015	-.379
160	475	-.052	.068	.310	-.370
160	476	-.061	.069	.231	-.428
160	477	-.145	.065	.067	-.447
160	478	-.158	.057	.027	-.438
160	479	-.174	.066	.049	-.464
160	480	-.156	.073	.089	-.627
160	481	-.167	.076	.062	-.836
160	482	-.106	.060	.142	-.361
160	483	-.082	.070	.209	-.366
160	484	-.037	.071	.283	-.295
160	485	-.067	.081	.210	-.465
160	486	-.016	.065	.351	-.220
160	487	.021	.087	.489	-.253
160	488	.047	.087	.514	-.197
160	489	.039	.081	.446	-.276
160	490	-.003	.062	.210	-.257
160	491	-.009	.070	.251	-.279
160	492	.012	.069	.287	-.262
160	493	.016	.072	.333	-.259
160	494	.001	.068	.299	-.306
160	495	-.004	.076	.380	-.276
160	496	.020	.070	.470	-.257
160	497	.016	.068	.328	-.204
160	498	-.033	.062	.257	-.248
160	499	-.061	.071	.249	-.330
160	801	-.185	.073	.154	-.472
160	802	-.158	.060	.055	-.407
160	803	-.145	.057	.079	-.348
160	804	-.126	.050	.070	-.303
160	805	-.018	.087	.387	-.530
160	806	-.005	.089	.379	-.568
160	807	.002	.106	.419	-.533
160	808	.001	.080	.349	-.318
160	901	-.237	.136	.222	-.868
160	902	-.447	.197	.229	-1.204
160	903	-.158	.122	.318	-.626
160	904	-.250	.154	.291	-.902
160	905	-.335	.234	.311	-1.127
160	906	-.556	.169	-.007	-1.377
160	907	-.243	.111	.102	-.703
160	908	-.519	.237	.187	-1.747
160	909	-.227	.116	.416	-.875
160	910	-.315	.153	.217	-.970
160	911	-.632	.171	.088	-1.403
160	912	-.754	.182	-.305	-2.306
160	913	-.641	.218	.068	-1.836
160	914	-.685	.191	-.225	-1.953
160	915	-.477	.155	-.016	-.993
160	916	-.541	.321	.341	-1.699
160	917	-.360	.152	.216	-1.065
160	918	-.731	.229	.245	-1.631
160	919	-.433	.304	.531	-1.510
160	920	-.416	.157	.304	-1.113
160	921	-.313	.144	.238	-1.119
160	922	-.512	.258	.203	-1.356
160	923	-.368	.159	.118	-1.133
160	924	-.663	.175	.073	-1.794
160	925	-.330	.164	.228	-.952
160	926	-.285	.104	.159	-.730
160	927	-.115	.199	.453	-1.422
160	928	-.100	.225	.456	-2.053
160	929	-.037	.181	.551	-1.546
160	930	.010	.137	.572	-.729
170	1	-.126	.063	.111	-.568
170	2	-.209	.061	.018	-.626
170	3	-.252	.081	.107	-.713
170	4	-.147	.063	.127	-.422
170	101	-.243	.223	.605	-1.518
170	102	-.169	.176	.425	-1.356
170	103	-.195	.165	.360	-1.129
170	104	-.230	.136	.201	-1.507
170	105	-.271	.113	.133	-.971
170	106	-.341	.104	-.078	-.940
170	107	-.353	.118	-.050	-.987
170	108	-.348	.120	-.037	-1.103
170	109	-.362	.131	-.009	-1.075
170	110	-.325	.113	-.026	-.940
170	111	-.324	.122	.135	-.861
170	112	-.340	.118	.080	-.972
170	113	-.332	.126	.133	-.938
170	114	-.302	.111	.090	-.947
170	115	-.323	.134	.111	-1.053
170	116	-.311	.141	.285	-1.693

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	117	-.288	.125	.078	-1.104
170	118	-.274	.104	.069	-.924
170	119	-.257	.097	.075	-.704
170	120	-.242	.090	.039	-.613
170	121	-.247	.089	.137	-.607
170	122	-.255	.088	.085	-.916
170	123	-.275	.108	.111	-.996
170	124	-.134	.233	.803	-.902
170	125	-.067	.240	.660	-.889
170	126	-.091	.148	.288	-.605
170	127	-.214	.106	.109	-.688
170	128	-.278	.089	.020	-.656
170	129	-.347	.099	-.009	-.893
170	130	-.336	.088	-.047	-.813
170	131	-.357	.109	-.038	-.754
170	132	-.373	.127	-.064	-1.065
170	133	-.337	.107	-.019	-.938
170	134	-.313	.096	-.033	-.798
170	135	-.322	.102	.007	-.804
170	136	-.337	.114	.003	-1.053
170	137	-.346	.108	-.057	-.785
170	138	-.314	.084	-.080	-.723
170	139	-.312	.094	-.026	-.764
170	140	-.306	.100	-.030	-.929
170	141	-.318	.108	-.019	-1.028
170	142	-.275	.069	-.045	-.572
170	143	-.281	.073	-.038	-.636
170	144	-.268	.072	-.006	-.601
170	145	-.273	.088	-.007	-.690
170	146	-.259	.077	-.002	-.671
170	147	-.110	.259	1.130	-.804
170	148	-.068	.255	.985	-.780
170	149	-.117	.173	.412	-.804
170	150	-.228	.087	.038	-.645
170	151	-.319	.086	.007	-.776
170	152	-.402	.100	-.088	-1.282
170	153	-.418	.108	-.052	-1.220
170	154	-.395	.093	-.073	-.976
170	155	-.436	.124	-.069	-1.103
170	156	-.394	.102	-.068	-.816
170	157	-.366	.095	-.113	-.759
170	158	-.333	.081	-.116	-.664
170	159	-.381	.098	-.093	-.830
170	160	-.406	.112	.013	-1.086
170	161	-.397	.112	-.097	-1.040
170	162	-.356	.096	-.113	-.794
170	163	-.364	.107	-.022	-.825
170	164	-.363	.112	-.071	-.859
170	165	-.360	.086	-.116	-.756
170	166	-.324	.069	-.130	-.633
170	167	-.316	.074	-.083	-.593
170	168	-.303	.099	.027	-.835
170	169	-.303	.109	.076	-1.068
170	170	-.152	.222	.560	-1.004
170	171	-.109	.232	.588	-1.181
170	172	-.135	.159	.371	-.682
170	173	-.273	.094	.125	-.657
170	174	-.316	.079	.020	-.629
170	175	-.450	.121	-.121	-1.042
170	176	-.477	.121	-.170	-1.088
170	177	-.482	.132	-.114	-1.245
170	178	-.455	.133	-.103	-1.154
170	179	-.443	.135	-.106	-1.135
170	180	-.378	.123	-.075	-.862
170	181	-.319	.108	-.027	-.906
170	182	-.349	.108	-.068	-.904
170	183	-.395	.154	.039	-1.178
170	184	-.369	.136	-.048	-1.117
170	185	-.314	.117	.007	-.817
170	186	-.258	.084	-.023	-.705
170	187	-.278	.091	.027	-1.042
170	188	-.330	.089	-.026	-.742
170	189	-.324	.089	.111	-.880
170	190	-.276	.081	-.025	-.712
170	191	-.278	.106	.061	-.748
170	192	-.305	.109	.077	-.992
170	193	-.402	.133	-.114	-1.395
170	194	-.390	.128	-.129	-1.332
170	195	-.318	.125	.123	-1.082
170	196	-.428	.154	-.040	-1.777
170	197	-.372	.179	.513	-1.536
170	198	-.209	.149	.290	-.892
170	199	-.167	.154	.364	-.894
170	200	-.155	.110	.202	-.838
170	201	-.262	.091	.184	-.625
170	202	-.313	.090	.074	-.724
170	203	-.535	.184	-.054	-1.376
170	204	-.573	.198	-.077	-1.679
170	205	-.539	.226	-.005	-1.834
170	206	-.375	.149	-.006	-1.145
170	207	-.343	.125	-.025	-.944
170	208	-.232	.085	.028	-.742
170	209	-.186	.075	.159	-.560
170	210	-.156	.065	.110	-.397
170	211	-.177	.077	.101	-.469
170	212	-.211	.089	.104	-.578
170	213	-.220	.086	.092	-.691
170	214	-.200	.081	.055	-.690
170	215	-.220	.103	.077	-.844
170	216	-.246	.102	.031	-.860
170	217	-.462	.186	-.049	-1.570
170	218	-.415	.169	-.042	-1.448
170	219	-.212	.091	.063	-.917
170	220	-.173	.062	.006	-.477
170	221	-.160	.060	.060	-.410
170	222	-.135	.055	.058	-.444
170	223	-.183	.099	.182	-.538
170	224	-.195	.102	.146	-.565
170	225	-.137	.097	.295	-.572
170	226	-.129	.072	.228	-.409
170	227	-.184	.083	.154	-.507
170	228	-.316	.123	.043	-1.103
170	229	-.298	.123	.038	-1.059
170	230	-.183	.074	.034	-.515
170	231	-.165	.069	.070	-.467
170	232	-.195	.066	.021	-.428
170	233	-.174	.066	.067	-.407
170	234	-.121	.053	.053	-.300
170	235	-.131	.059	.092	-.328
170	236	-.153	.058	.092	-.347
170	237	-.149	.064	.133	-.432
170	238	-.119	.057	.136	-.349
170	239	-.134	.071	.221	-.536
170	240	-.174	.076	.077	-.482
170	241	-.195	.080	.077	-.512
170	242	-.129	.050	.077	-.319
170	243	-.122	.054	.108	-.331
170	244	-.127	.053	.077	-.298
170	245	-.139	.058	.067	-.323
170	246	-.114	.054	.181	-.312
170	247	-.253	.107	.054	-.865
170	248	-.182	.086	.065	-.597
170	249	-.135	.094	.155	-.778
170	250	-.119	.069	.144	-.671
170	251	-.206	.082	.176	-.989
170	252	-.248	.099	.103	-.683
170	253	-.226	.093	.018	-.677
170	254	-.174	.063	.028	-.437
170	255	-.218	.063	-.010	-.496
170	256	-.162	.058	.030	-.362
170	257	-.167	.058	.057	-.412
170	258	-.141	.050	.043	-.336
170	259	-.221	.061	.017	-.455
170	260	-.116	.069	.191	-.378
170	261	-.158	.059	.029	-.425
170	262	-.138	.048	.017	-.308
170	263	-.202	.056	-.013	-.401
170	264	-.159	.055	.035	-.341
170	265	-.164	.061	.029	-.396
170	266	-.160	.058	.022	-.380

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	267	-.208	.067	.038	-.487
170	268	-.155	.065	.079	-.560
170	269	-.168	.066	.085	-.463
170	270	-.165	.094	.141	-.522
170	271	-.221	.067	.119	-.485
170	272	-.167	.057	.035	-.492
170	273	-.166	.081	.093	-.541
170	274	-.156	.077	.076	-.514
170	275	-.195	.066	.138	-.434
170	276	-.142	.061	.204	-.370
170	277	-.154	.095	.196	-.711
170	278	-.148	.088	.169	-.689
170	279	-.178	.093	.106	-.638
170	280	-.101	.077	.181	-.555
170	281	-.117	.080	.289	-.528
170	282	-.188	.093	.136	-.749
170	283	-.227	.091	.092	-.727
170	284	-.150	.064	.113	-.411
170	285	-.149	.058	.031	-.404
170	286	-.150	.054	.017	-.382
170	287	-.215	.063	-.021	-.541
170	288	-.132	.058	.061	-.364
170	289	-.142	.056	.101	-.345
170	290	-.071	.057	.144	-.269
170	291	-.173	.060	.041	-.423
170	292	-.118	.051	.050	-.333
170	293	-.130	.052	.080	-.317
170	294	-.132	.051	.069	-.326
170	295	-.213	.071	.038	-.552
170	296	-.159	.069	.090	-.477
170	297	-.123	.054	.106	-.306
170	298	-.123	.052	.226	-.266
170	299	-.186	.059	.275	-.369
170	301	-.289	.110	.069	-.887
170	302	-.309	.100	.001	-.912
170	303	-.417	.142	-.009	-1.235
170	304	-.394	.144	.000	-1.182
170	305	-.531	.242	-.042	-2.076
170	306	-.193	.117	.316	-.744
170	307	-.149	.181	.752	-.728
170	308	-.098	.183	.643	-.603
170	309	-.170	.171	.633	-.710
170	310	-.294	.120	.309	-.931
170	311	-.392	.136	.469	-.839
170	312	-.281	.118	.188	-.746
170	313	-.238	.142	.432	-.796
170	314	-.219	.119	.373	-.768
170	315	-.434	.214	.427	-1.506
170	316	-.258	.141	.390	-1.044
170	317	-.256	.149	.407	-1.343
170	318	-.276	.135	.264	-1.444
170	319	-.354	.191	.578	-1.388
170	320	-.258	.193	.652	-1.098
170	321	-.184	.252	.919	-1.283
170	322	-.058	.285	.938	-1.142
170	323	-.078	.341	1.107	-1.418
170	324	-.276	.083	.054	-.926
170	325	-.286	.086	.032	-.761
170	326	-.356	.119	-.041	-1.220
170	327	-.669	.297	.060	-2.218
170	328	-.733	.318	-.012	-2.020
170	329	-.112	.168	.514	-.647
170	330	.043	.210	.692	-.498
170	331	.049	.281	1.324	-.600
170	332	-.032	.208	.995	-.638
170	333	-.144	.161	.895	-.782
170	334	-.162	.153	.602	-.567
170	335	-.081	.176	.723	-.573
170	336	-.064	.174	.774	-.568
170	337	-.085	.149	.521	-.768
170	338	-.382	.209	.401	-1.366
170	339	-.267	.136	.437	-1.344
170	340	-.187	.128	.263	-.976
170	341	-.194	.132	.365	-.782
170	342	-.204	.143	.342	-1.357
170	343	-.231	.192	.590	-1.760
170	344	-.067	.291	.992	-.931
170	345	.038	.379	1.210	-1.129
170	346	.006	.341	1.082	-1.111
170	347	-.381	.116	.053	-1.033
170	348	-.307	.108	.101	-.872
170	349	-.427	.180	.139	-1.311
170	350	-.760	.294	-.030	-2.180
170	351	-.938	.362	-.085	-2.777
170	352	-.054	.181	.741	-.753
170	353	.207	.241	.919	-.745
170	354	.328	.281	1.165	-.453
170	355	.136	.268	1.102	-.595
170	356	.025	.209	.814	-.870
170	357	.033	.207	.940	-.850
170	358	.125	.206	1.033	-.652
170	359	.054	.245	1.151	-.802
170	360	.018	.177	.777	-.861
170	361	-.400	.284	.344	-1.888
170	362	-.206	.131	.233	-1.513
170	363	-.243	.164	.270	-1.309
170	364	-.172	.162	.336	-1.098
170	365	-.150	.167	.377	-.838
170	366	-.162	.166	.453	-.855
170	367	-.169	.287	.853	-1.019
170	368	-.014	.351	1.349	-.962
170	369	-.029	.342	1.191	-1.131
170	370	-.341	.114	-.020	-1.052
170	371	-.400	.136	.023	-1.238
170	372	-.433	.192	.228	-1.321
170	373	-.655	.306	-.023	-2.024
170	374	-.720	.307	-.116	-2.278
170	375	-.083	.168	.706	-.707
170	376	.176	.219	.899	-.620
170	377	.332	.284	1.206	-.474
170	378	.211	.224	.927	-.463
170	379	.084	.210	.915	-1.092
170	380	.129	.207	.887	-.506
170	381	.241	.219	1.235	-.454
170	382	.193	.215	1.062	-.510
170	383	.096	.193	.959	-1.089
170	384	-.408	.327	.473	-1.875
170	385	-.155	.160	.623	-1.583
170	386	-.163	.168	.317	-1.078
170	387	-.166	.199	.451	-1.217
170	388	-.114	.172	.386	-.955
170	389	-.060	.182	.750	-1.105
170	390	-.006	.257	.991	-1.080
170	391	.073	.311	1.153	-.891
170	392	.063	.292	1.079	-.913
170	393	.124	.205	.874	-.798
170	394	.159	.186	.902	-.365
170	395	.205	.206	1.040	-.378
170	396	.177	.209	.956	-.538
170	397	.008	.145	.682	-.640
170	398	-.267	.117	.071	-.955
170	399	-.269	.127	.105	-.829
170	400	-.321	.175	.145	-1.352
170	401	-.456	.281	.128	-2.095
170	402	-.491	.276	.076	-2.150
170	403	-.086	.139	.429	-.675
170	404	.118	.179	.687	-.595
170	405	.274	.233	1.004	-.347
170	406	.221	.203	.875	-.234
170	407	.062	.207	.848	-1.303
170	408	-.112	.194	.342	-1.142
170	409	-.075	.136	.404	-1.052
170	410	-.125	.158	.378	-1.457
170	411	-.159	.214	.400	-1.943
170	412	-.100	.204	.441	-1.643
170	413	-.065	.235	.838	-1.271
170	414	-.025	.223	.944	-1.385
170	415	-.029	.175	.772	-.741
170	416	-.058	.152	.618	-.632
170	417	-.093	.109	.328	-.506

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	418	.037	.130	.558	-.355
170	419	.166	.191	.758	-.415
170	420	.027	.105	.475	-.467
170	421	-.048	.114	.345	-.545
170	422	-.098	.136	.307	-1.031
170	423	-.245	.118	.125	-.864
170	424	-.230	.097	.031	-.684
170	425	-.243	.125	.119	-.927
170	426	-.277	.142	.014	-1.211
170	427	-.277	.159	.049	-1.600
170	428	-.081	.089	.216	-.435
170	429	.007	.119	.414	-.467
170	430	.130	.144	.627	-.421
170	431	.148	.160	.775	-.457
170	432	.100	.132	.571	-.479
170	433	.065	.130	.699	-.449
170	434	.033	.095	.430	-.318
170	435	-.003	.105	.397	-1.352
170	436	-.030	.111	.359	-1.076
170	437	-.046	.169	.582	-.949
170	438	-.036	.161	.595	-.938
170	439	-.007	.113	.451	-1.021
170	440	-.059	.077	.236	-.499
170	441	-.105	.086	.223	-.423
170	442	.084	.113	.553	-.414
170	443	.080	.117	.660	-.233
170	444	.106	.117	.660	-.188
170	445	.077	.115	.545	-.350
170	446	.075	.128	.636	-.416
170	447	-.241	.094	.064	-.808
170	448	-.200	.077	.007	-.516
170	449	-.190	.088	.114	-.791
170	450	-.218	.105	.045	-.910
170	451	-.226	.124	.069	-1.069
170	452	-.152	.075	.127	-.566
170	453	-.123	.079	.242	-.606
170	454	-.089	.081	.282	-.468
170	455	-.062	.110	.437	-.576
170	456	-.009	.108	.403	-.631
170	457	.038	.093	.491	-.314
170	458	.052	.085	.390	-.243
170	459	.021	.096	.422	-.327
170	460	-.018	.082	.225	-.312
170	461	-.033	.091	.261	-.682
170	462	-.038	.075	.221	-.417
170	463	-.044	.090	.275	-.603
170	464	-.039	.098	.316	-.763
170	465	-.021	.112	.477	-.549
170	466	-.015	.103	.480	-.388
170	467	-.023	.103	.492	-.385

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	468	-.062	.079	.302	-.348
170	469	-.110	.079	.192	-.416
170	470	-.221	.074	-.042	-.681
170	471	-.081	.078	.280	-.366
170	472	-.101	.074	.184	-.420
170	473	-.186	.068	.033	-.551
170	474	-.191	.064	.023	-.521
170	475	-.074	.080	.292	-.303
170	476	-.087	.073	.220	-.348
170	477	-.173	.079	.133	-.651
170	478	-.181	.063	.037	-.545
170	479	-.200	.070	.031	-.615
170	480	-.184	.095	.098	-.948
170	481	-.210	.119	.083	-1.024
170	482	-.086	.069	.207	-.303
170	483	-.047	.087	.374	-.303
170	484	.004	.095	.597	-.264
170	485	-.051	.092	.347	-.539
170	486	.007	.083	.412	-.221
170	487	.076	.121	.642	-.233
170	488	.107	.120	.643	-.190
170	489	.091	.115	.734	-.188
170	490	.022	.073	.390	-.212
170	491	-.012	.083	.316	-.458
170	492	.013	.077	.314	-.338
170	493	.003	.084	.361	-.416
170	494	-.018	.080	.306	-.480
170	495	-.018	.093	.490	-.373
170	496	.013	.092	.535	-.295
170	497	.009	.093	.420	-.240
170	498	-.056	.071	.262	-.262
170	499	-.102	.074	.224	-.366
170	801	-.202	.069	.089	-.417
170	802	-.176	.061	.045	-.388
170	803	-.163	.061	.075	-.399
170	804	-.141	.053	.035	-.375
170	805	.009	.116	.616	-.521
170	806	.034	.107	.640	-.341
170	807	.038	.124	.482	-.753
170	808	.045	.106	.538	-.267
170	901	-.272	.123	.141	-1.125
170	902	-.263	.176	.271	-1.071
170	903	-.238	.106	.197	-.620
170	904	-.314	.143	.180	-1.152
170	905	-.213	.174	.381	-1.022
170	906	-.351	.188	.306	-1.454
170	907	-.296	.099	.105	-.714
170	908	-.330	.179	.149	-1.328
170	909	-.273	.116	.271	-.900
170	910	-.367	.135	.109	-1.098

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	911	-.439	.198	.216	-1.164
170	912	-.593	.181	-.194	-1.453
170	913	-.518	.180	.030	-1.544
170	914	-.488	.154	-.162	-1.813
170	915	-.397	.121	-.081	-1.006
170	916	-.466	.214	.353	-1.400
170	917	-.387	.121	.078	-1.130
170	918	-.498	.243	.298	-2.164
170	919	-.448	.221	.394	-1.542
170	920	-.414	.127	-.007	-1.259
170	921	-.379	.126	.031	-1.254
170	922	-.313	.164	.303	-1.076
170	923	-.442	.124	.027	-1.072
170	924	-.459	.219	.249	-1.536
170	925	-.352	.133	.199	-1.025
170	926	-.334	.106	.107	-.883
170	927	.091	.209	.896	-.864
170	928	.124	.213	1.276	-.813
170	929	.149	.207	1.035	-.820
170	930	.200	.205	1.193	-.376
180	1	-.266	.118	.017	-.715
180	2	-.217	.092	.118	-.636
180	3	-.345	.117	.060	-.885
180	4	-.195	.109	.088	-.904
180	101	-.329	.219	.442	-1.574
180	102	-.363	.187	.221	-1.275
180	103	-.342	.197	.194	-1.599
180	104	-.253	.160	.177	-1.427
180	105	-.267	.146	.141	-1.304
180	106	-.358	.111	-.026	-1.121
180	107	-.360	.126	.024	-1.539
180	108	-.265	.109	.074	-.993
180	109	-.271	.112	.066	-.860
180	110	-.305	.081	.002	-.702
180	111	-.305	.093	.098	-.746
180	112	-.267	.097	.184	-.733
180	113	-.268	.100	.063	-.678
180	114	-.320	.088	-.018	-.954
180	115	-.332	.093	-.005	-.988
180	116	-.241	.079	.005	-.733
180	117	-.238	.077	.027	-.678
180	118	-.304	.070	-.065	-.717
180	119	-.322	.087	-.038	-1.027
180	120	-.241	.078	.020	-.762
180	121	-.253	.080	-.000	-.775
180	122	-.333	.086	-.080	-.784
180	123	-.347	.104	-.043	-.841
180	124	-.301	.190	.593	-1.042
180	125	-.289	.181	.364	-1.302
180	126	-.312	.137	.167	-.949

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	127	-.322	.131	.068	-.996
180	128	-.260	.111	.069	-.914
180	129	-.298	.105	.046	-.775
180	130	-.363	.095	-.062	-.810
180	131	-.357	.109	-.025	-.939
180	132	-.278	.108	.000	-.880
180	133	-.261	.081	.017	-.648
180	134	-.308	.063	-.067	-.571
180	135	-.316	.074	-.033	-.615
180	136	-.243	.071	.034	-.618
180	137	-.246	.083	-.000	-.748
180	138	-.310	.067	-.129	-.748
180	139	-.310	.072	-.105	-.769
180	140	-.232	.065	-.049	-.603
180	141	-.243	.063	-.022	-.675
180	142	-.312	.058	-.111	-.599
180	143	-.318	.066	-.102	-.594
180	144	-.234	.067	-.037	-.559
180	145	-.244	.084	.007	-.775
180	146	-.310	.076	-.093	-.807
180	147	-.338	.172	.588	-.901
180	148	-.244	.157	.579	-.794
180	149	-.229	.139	.316	-.991
180	150	-.312	.097	.046	-.931
180	151	-.342	.103	-.035	-1.058
180	152	-.304	.099	-.017	-.887
180	153	-.304	.102	-.032	-.957
180	154	-.358	.095	-.078	-1.098
180	155	-.365	.110	-.105	-1.205
180	156	-.271	.082	-.034	-.828
180	157	-.253	.065	-.051	-.532
180	158	-.311	.057	-.134	-.568
180	159	-.327	.070	-.105	-.646
180	160	-.256	.076	-.046	-.919
180	161	-.262	.071	-.049	-.685
180	162	-.316	.057	-.131	-.535
180	163	-.323	.061	-.110	-.597
180	164	-.248	.058	-.069	-.524
180	165	-.265	.063	-.068	-.542
180	166	-.328	.057	-.144	-.548
180	167	-.325	.073	-.108	-.599
180	168	-.250	.085	.012	-.721
180	169	-.259	.092	.024	-.984
180	170	-.390	.136	.257	-.995
180	171	-.374	.150	.359	-1.102
180	172	-.258	.119	.331	-.838
180	173	-.270	.103	.079	-.657
180	174	-.248	.087	.048	-.613
180	175	-.289	.111	.006	-1.119
180	176	-.307	.110	.006	-1.101
180	177	-.296	.118	-.001	-1.575
180	178	-.265	.109	-.030	-1.453
180	179	-.261	.093	-.046	-1.003
180	180	-.245	.067	-.026	-.610
180	181	-.221	.063	-.029	-.599
180	182	-.208	.060	-.030	-.538
180	183	-.237	.083	.053	-.903
180	184	-.255	.068	.047	-.719
180	185	-.246	.061	-.015	-.484
180	186	-.226	.058	-.025	-.458
180	187	-.252	.068	-.049	-.529
180	188	-.303	.086	-.084	-.714
180	189	-.298	.082	-.051	-.676
180	190	-.237	.068	-.025	-.528
180	191	-.245	.085	.046	-.638
180	192	-.268	.083	-.001	-.617
180	193	-.282	.078	-.085	-.746
180	194	-.249	.072	-.051	-.686
180	195	-.250	.071	-.042	-.678
180	196	-.286	.082	-.069	-.809
180	197	-.279	.077	-.032	-.977
180	198	-.305	.126	.316	-1.239
180	199	-.303	.141	.363	-1.183
180	200	-.277	.117	.235	-1.101
180	201	-.275	.091	.072	-.688
180	202	-.253	.080	-.001	-.705
180	203	-.285	.107	-.004	-1.225
180	204	-.301	.110	-.043	-1.422
180	205	-.292	.116	.026	-1.508
180	206	-.239	.076	-.004	-.846
180	207	-.247	.068	.001	-.629
180	208	-.247	.062	-.028	-.524
180	209	-.249	.071	-.008	-.542
180	210	-.227	.069	-.013	-.509
180	211	-.252	.082	-.011	-.600
180	212	-.303	.093	-.033	-.712
180	213	-.295	.092	.007	-.751
180	214	-.262	.086	-.023	-.714
180	215	-.277	.099	.011	-.726
180	216	-.298	.096	-.028	-.692
180	217	-.271	.100	.016	-1.595
180	218	-.228	.086	.036	-1.286
180	219	-.203	.066	.046	-.598
180	220	-.227	.071	.011	-.468
180	221	-.257	.089	-.017	-.681
180	222	-.233	.084	-.006	-.601
180	223	-.234	.086	.041	-.695
180	224	-.253	.085	.033	-.680
180	225	-.223	.105	.129	-.823
180	226	-.174	.080	.104	-.512
180	227	-.191	.090	.127	-.674
180	228	-.206	.073	.043	-.541
180	229	-.218	.071	.019	-.664
180	230	-.172	.056	.013	-.394
180	231	-.198	.071	.034	-.496
180	232	-.266	.085	-.013	-.704
180	233	-.234	.078	.002	-.530
180	234	-.183	.070	.015	-.469
180	235	-.208	.084	.029	-.574
180	236	-.234	.085	.016	-.600
180	237	-.248	.104	.079	-1.006
180	238	-.215	.092	.090	-.709
180	239	-.260	.113	.058	-.870
180	240	-.303	.113	.057	-1.016
180	241	-.320	.132	.161	-1.114
180	242	-.154	.061	.083	-.399
180	243	-.132	.069	.119	-.394
180	244	-.145	.068	.099	-.410
180	245	-.149	.070	.074	-.380
180	246	-.159	.067	.093	-.382
180	247	-.264	.104	.031	-.885
180	248	-.225	.100	.086	-.892
180	249	-.181	.088	.142	-.662
180	250	-.152	.071	.090	-.449
180	251	-.210	.085	.059	-.842
180	252	-.149	.067	.127	-.457
180	253	-.138	.060	.110	-.423
180	254	-.129	.054	.092	-.368
180	255	-.189	.063	.046	-.410
180	256	-.149	.062	.038	-.457
180	257	-.148	.066	.049	-.396
180	258	-.130	.058	.043	-.336
180	259	-.194	.069	.039	-.454
180	260	-.159	.070	.082	-.423
180	261	-.154	.075	.091	-.423
180	262	-.156	.079	.033	-.432
180	263	-.224	.100	.016	-.745
180	264	-.178	.097	.068	-.737
180	265	-.184	.096	.113	-.562
180	266	-.182	.095	.144	-.549
180	267	-.269	.123	.097	-.709
180	268	-.259	.120	.068	-.819
180	269	-.260	.110	.061	-.829
180	270	-.192	.091	.029	-.762
180	271	-.288	.120	.123	-.939
180	272	-.248	.125	.092	-.913
180	273	-.201	.102	.047	-1.000
180	274	-.196	.096	.019	-.769
180	275	-.143	.137	.411	-.862
180	276	-.101	.144	.422	-.819

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	277	-.208	.115	.093	-1.115
180	278	-.196	.102	.060	-1.039
180	279	-.205	.087	.108	-.773
180	280	-.135	.076	.097	-.514
180	281	-.140	.085	.211	-.875
180	282	-.120	.064	.080	-.417
180	283	-.165	.067	.062	-.484
180	284	-.110	.060	.097	-.356
180	285	-.097	.059	.174	-.342
180	286	-.079	.061	.256	-.258
180	287	-.162	.063	.077	-.398
180	288	-.102	.057	.110	-.296
180	289	-.121	.070	.086	-.413
180	290	-.119	.072	.068	-.412
180	291	-.167	.072	.115	-.446
180	292	-.128	.076	.100	-.452
180	293	-.169	.105	.110	-.635
180	294	-.166	.100	.085	-.652
180	295	-.192	.084	.039	-.467
180	296	-.127	.072	.107	-.386
180	297	-.104	.081	.294	-.464
180	298	-.084	.104	.347	-.603
180	299	-.159	.124	.376	-.844
180	301	-.279	.111	.020	-.813
180	302	-.289	.104	.053	-.840
180	303	-.460	.190	.072	-1.326
180	304	-.533	.239	.052	-1.770
180	305	-.753	.262	-.050	-2.008
180	306	-.136	.097	.413	-.546
180	307	.012	.149	.743	-.507
180	308	.158	.188	.846	-.419
180	309	.134	.238	1.112	-.572
180	310	-.119	.177	.737	-1.007
180	311	-.223	.164	.438	-.915
180	312	-.221	.131	.365	-.900
180	313	-.102	.148	.495	-.650
180	314	-.046	.136	.460	-.471
180	315	-.276	.318	.830	-1.388
180	316	-.098	.182	.720	-.703
180	317	-.162	.164	.670	-.742
180	318	-.220	.145	.368	-.687
180	319	-.493	.299	.377	-2.335
180	320	-.332	.217	.517	-1.799
180	321	-.274	.198	.679	-1.314
180	322	-.245	.200	.685	-1.277
180	323	-.316	.247	.913	-1.470
180	324	-.236	.092	.086	-1.105
180	325	-.243	.106	.140	-1.003
180	326	-.385	.172	-.003	-1.225
180	327	-.859	.256	.039	-1.881
180	328	-.829	.229	-.029	-2.226
180	329	-.069	.127	.629	-.536
180	330	.190	.137	.730	-.363
180	331	.351	.235	1.099	-.360
180	332	.289	.240	1.231	-.331
180	333	.083	.207	.967	-.610
180	334	.116	.201	.930	-.496
180	335	.179	.215	1.142	-.389
180	336	.211	.223	1.189	-.352
180	337	.129	.176	1.023	-.362
180	338	-.348	.259	.638	-1.434
180	339	-.169	.140	.644	-.634
180	340	-.187	.115	.399	-.582
180	341	-.257	.139	.310	-.932
180	342	-.372	.205	.197	-1.936
180	343	-.444	.239	.362	-1.877
180	344	-.303	.159	.729	-1.242
180	345	-.257	.186	.877	-1.077
180	346	-.273	.174	.696	-1.268
180	347	-.312	.101	.063	-.988
180	348	-.244	.117	.203	-.897
180	349	-.470	.240	.127	-1.653
180	350	-.878	.190	-.118	-1.716
180	351	-.995	.214	-.185	-2.091
180	352	-.022	.116	.701	-.451
180	353	.300	.138	.969	-.268
180	354	.549	.175	1.257	.055
180	355	.433	.219	1.180	-.301
180	356	.303	.195	1.008	-.541
180	357	.327	.216	1.045	-.253
180	358	.413	.192	1.092	-.042
180	359	.364	.236	1.239	-.209
180	360	.216	.175	.909	-.286
180	361	-.571	.279	.560	-1.716
180	362	-.179	.089	.269	-.561
180	363	-.308	.099	.178	-.731
180	364	-.272	.106	.201	-.712
180	365	-.281	.129	.352	-.771
180	366	-.296	.114	.251	-.780
180	367	-.393	.142	.641	-.922
180	368	-.297	.174	.807	-.814
180	369	-.325	.191	.757	-1.370
180	370	-.284	.087	-.026	-.937
180	371	-.356	.127	.041	-1.022
180	372	-.510	.228	.036	-1.335
180	373	-.882	.214	-.202	-2.132
180	374	-.897	.193	-.358	-2.136
180	375	-.063	.112	.429	-.591
180	376	.287	.127	.746	-.297
180	377	.550	.179	1.229	-.042
180	378	.474	.167	1.077	-.077
180	379	.342	.177	.905	-.193
180	380	.375	.178	.991	-1.541
180	381	.410	.164	1.118	-.245
180	382	.382	.160	1.040	-.209
180	383	.216	.166	.797	-.332
180	384	-.579	.283	.320	-1.747
180	385	-.193	.109	.370	-.613
180	386	-.263	.104	.296	-.554
180	387	-.303	.137	.395	-.744
180	388	-.301	.154	.362	-1.122
180	389	-.323	.144	.270	-1.182
180	390	-.360	.146	.389	-1.318
180	391	-.325	.176	.754	-1.164
180	392	-.320	.175	.653	-1.027
180	393	.363	.200	1.130	-.420
180	394	.406	.175	.967	-.121
180	395	.443	.190	1.115	-.115
180	396	.435	.189	1.020	-.145
180	397	.093	.155	.788	-.904
180	398	-.298	.099	.021	-.971
180	399	-.304	.127	.134	-.964
180	400	-.499	.226	.249	-1.421
180	401	-.826	.236	-.081	-1.836
180	402	-.851	.211	-.167	-1.889
180	403	-.111	.109	.305	-.649
180	404	.226	.130	.678	-.388
180	405	.475	.179	1.159	-.105
180	406	.454	.173	1.077	-.028
180	407	.237	.227	.888	-1.667
180	408	-.224	.230	.367	-1.406
180	409	-.134	.114	.454	-.645
180	410	-.239	.110	.399	-.625
180	411	-.325	.155	.502	-.979
180	412	-.404	.197	.587	-1.392
180	413	-.407	.209	.430	-1.272
180	414	-.361	.214	.521	-1.171
180	415	-.245	.169	.751	-.969
180	416	-.247	.136	.386	-.990
180	417	-.140	.105	.198	-.597
180	418	.124	.112	.624	-.331
180	419	.390	.175	.990	-.288
180	420	.125	.115	.594	-.275
180	421	-.121	.129	.462	-.812
180	422	-.249	.154	.381	-.934
180	423	-.338	.148	.105	-1.237
180	424	-.330	.131	.131	-.944
180	425	-.476	.204	.103	-1.323
180	426	-.629	.239	-.118	-1.661
180	427	-.631	.271	-.078	-2.089

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	428	-.118	.090	.210	-.476
180	429	.074	.114	.561	-.316
180	430	.307	.145	.893	-.221
180	431	.340	.165	.993	-.317
180	432	.266	.141	.773	-.199
180	433	.256	.159	.948	-.270
180	434	.158	.118	.634	-.287
180	435	.011	.125	.490	-.647
180	436	-.105	.135	.347	-.755
180	437	-.399	.271	.520	-1.856
180	438	-.396	.272	.546	-1.502
180	439	-.117	.189	.568	-1.318
180	440	-.139	.092	.342	-.613
180	441	-.185	.091	.198	-.546
180	442	.201	.116	.695	-.280
180	443	.193	.123	.719	-.159
180	444	.224	.126	.763	-.121
180	445	.211	.130	.764	-.228
180	446	.269	.163	.967	-.201
180	447	-.308	.112	.001	-1.013
180	448	-.284	.128	.087	-.961
180	449	-.380	.190	.134	-1.240
180	450	-.593	.247	.068	-1.662
180	451	-.636	.280	.092	-1.717
180	452	-.217	.112	.173	-.647
180	453	-.094	.103	.392	-.545
180	454	-.022	.087	.337	-.249
180	455	.014	.089	.471	-.368
180	456	.044	.085	.403	-.357
180	457	.152	.107	.617	-.144
180	458	.170	.104	.606	-.096
180	459	.148	.114	.666	-.205
180	460	.054	.084	.421	-.353
180	461	-.022	.092	.287	-.668
180	462	-.023	.070	.254	-.296
180	463	-.042	.099	.459	-.472
180	464	-.065	.121	.470	-.751
180	465	-.259	.250	.351	-1.484
180	466	-.211	.207	.354	-1.235
180	467	-.126	.115	.424	-.632
180	468	-.138	.085	.253	-.567
180	469	-.168	.083	.184	-.506
180	470	-.234	.084	.038	-.637
180	471	-.131	.095	.259	-.519
180	472	-.148	.081	.163	-.477
180	473	-.170	.083	.114	-.593
180	474	-.155	.081	.184	-.528
180	475	-.115	.101	.401	-.444
180	476	-.127	.085	.272	-.505
180	477	-.136	.078	.164	-.422

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	478	-.144	.067	.112	-.500
180	479	-.191	.101	.129	-.623
180	480	-.283	.168	.168	-1.251
180	481	-.315	.169	.086	-1.429
180	482	-.084	.087	.286	-.444
180	483	-.004	.103	.454	-.396
180	484	.098	.119	.654	-.244
180	485	.014	.117	.617	-.417
180	486	.111	.101	.586	-.187
180	487	.200	.133	.814	-.182
180	488	.222	.131	.801	-.154
180	489	.231	.135	.852	-.096
180	490	.122	.084	.481	-.154
180	491	-.000	.097	.364	-.433
180	492	.069	.084	.431	-.214
180	493	.015	.084	.442	-.417
180	494	-.037	.079	.231	-.395
180	495	-.099	.138	.489	-.918
180	496	-.070	.142	.541	-.889
180	497	-.041	.116	.453	-.385
180	498	-.099	.072	.254	-.326
180	499	-.144	.073	.180	-.433
180	801	-.217	.075	.006	-.525
180	802	-.162	.069	.060	-.465
180	803	-.153	.066	.127	-.401
180	804	-.110	.058	.082	-.368
180	805	.143	.143	.898	-.605
180	806	.165	.121	.769	-.191
180	807	.157	.127	.663	-.260
180	808	.163	.118	.625	-.191
180	901	-.254	.106	.205	-.783
180	902	-.138	.140	.301	-.812
180	903	-.232	.094	.159	-.600
180	904	-.314	.130	.148	-1.294
180	905	-.136	.138	.375	-.809
180	906	-.198	.128	.266	-.996
180	907	-.280	.102	.099	-.760
180	908	-.219	.122	.217	-.976
180	909	-.272	.116	.209	-.788
180	910	-.366	.137	.143	-1.051
180	911	-.255	.142	.303	-.943
180	912	-.316	.074	-.020	-.806
180	913	-.267	.072	-.011	-.821
180	914	-.267	.069	-.071	-.584
180	915	-.242	.059	-.057	-.508
180	916	-.398	.231	.459	-1.327
180	917	-.423	.192	.042	-1.300
180	918	-.255	.165	.379	-1.022
180	919	-.570	.311	.564	-2.447
180	920	-.437	.209	.087	-1.557

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	921	-.418	.160	.027	-1.168
180	922	-.237	.159	.281	-.872
180	923	-.446	.163	.046	-1.176
180	924	-.248	.155	.377	-1.069
180	925	-.409	.167	.113	-1.296
180	926	-.336	.117	.029	-.855
180	927	.346	.187	1.093	-.259
180	928	.375	.189	1.147	-.247
180	929	.371	.190	1.169	-.255
180	930	.408	.177	1.103	-.036
190	1	-.325	.087	-.016	-.832
190	2	-.193	.095	.135	-.577
190	3	-.375	.117	.090	-.941
190	4	-.237	.104	.081	-.818
190	101	-.440	.269	.431	-1.979
190	102	-.473	.221	.178	-1.523
190	103	-.413	.200	.225	-1.312
190	104	-.295	.156	.256	-1.348
190	105	-.297	.147	.107	-1.860
190	106	-.365	.112	-.065	-1.162
190	107	-.363	.125	-.028	-1.093
190	108	-.271	.102	.010	-.755
190	109	-.267	.096	.010	-.917
190	110	-.321	.074	-.080	-.687
190	111	-.326	.084	-.033	-.634
190	112	-.297	.091	.017	-.704
190	113	-.308	.096	.061	-.663
190	114	-.356	.088	-.047	-.888
190	115	-.352	.089	-.069	-.997
190	116	-.265	.076	-.024	-.595
190	117	-.266	.077	-.056	-.612
190	118	-.335	.071	-.132	-.622
190	119	-.369	.102	-.100	-.814
190	120	-.288	.092	-.027	-.713
190	121	-.281	.092	.015	-.739
190	122	-.370	.099	-.070	-.945
190	123	-.385	.121	-.005	-.915
190	124	-.380	.195	.396	-1.880
190	125	-.367	.180	.251	-1.480
190	126	-.355	.114	.103	-.824
190	127	-.346	.121	.029	-.871
190	128	-.278	.111	.150	-.854
190	129	-.301	.110	.029	-1.007
190	130	-.363	.109	-.075	-1.023
190	131	-.350	.102	-.033	-.832
190	132	-.270	.089	.012	-.723
190	133	-.264	.075	-.046	-.583
190	134	-.321	.064	-.127	-.555
190	135	-.326	.073	-.110	-.605
190	136	-.254	.070	-.042	-.529

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	137	-.262	.070	-.051	-.551
190	138	-.325	.059	-.135	-.532
190	139	-.324	.065	-.118	-.559
190	140	-.253	.062	-.054	-.470
190	141	-.265	.062	-.073	-.570
190	142	-.350	.072	-.168	-.746
190	143	-.352	.078	-.141	-.701
190	144	-.269	.081	-.032	-.640
190	145	-.269	.096	-.027	-.782
190	146	-.344	.091	-.078	-.958
190	147	-.378	.104	.140	-1.077
190	148	-.286	.095	.172	-.822
190	149	-.274	.094	.163	-.782
190	150	-.329	.075	-.044	-.672
190	151	-.338	.088	-.036	-.765
190	152	-.262	.073	-.020	-.630
190	153	-.262	.067	-.039	-.787
190	154	-.320	.057	-.122	-.759
190	155	-.325	.061	-.103	-.685
190	156	-.247	.054	-.056	-.492
190	157	-.243	.051	-.056	-.417
190	158	-.303	.046	-.135	-.470
190	159	-.313	.054	-.121	-.502
190	160	-.243	.053	-.056	-.462
190	161	-.245	.050	-.059	-.439
190	162	-.305	.046	-.163	-.468
190	163	-.315	.056	-.146	-.515
190	164	-.247	.057	-.093	-.453
190	165	-.276	.079	-.093	-.756
190	166	-.338	.069	-.168	-.813
190	167	-.331	.084	-.105	-.794
190	168	-.260	.099	.084	-.834
190	169	-.276	.106	.112	-.914
190	170	-.391	.079	.098	-.746
190	171	-.374	.087	.044	-.758
190	172	-.264	.073	.008	-.551
190	173	-.265	.074	-.026	-.558
190	174	-.235	.068	-.019	-.599
190	175	-.230	.062	-.017	-.511
190	176	-.241	.056	-.053	-.455
190	177	-.230	.051	-.047	-.461
190	178	-.198	.043	-.051	-.375
190	179	-.209	.046	-.049	-.370
190	180	-.221	.043	-.069	-.366
190	181	-.224	.047	-.072	-.387
190	182	-.195	.042	-.049	-.334
190	183	-.210	.049	-.054	-.384
190	184	-.238	.051	-.083	-.425
190	185	-.237	.057	-.040	-.618
190	186	-.215	.056	-.042	-.639
190	187	-.236	.065	-.040	-.682
190	188	-.277	.079	.097	-.736
190	189	-.283	.083	.013	-.858
190	190	-.237	.081	-.026	-.637
190	191	-.252	.100	.031	-.748
190	192	-.279	.100	-.025	-.783
190	193	-.244	.051	-.081	-.456
190	194	-.202	.044	-.058	-.368
190	195	-.212	.049	-.058	-.391
190	196	-.233	.048	-.088	-.411
190	197	-.243	.053	-.077	-.417
190	198	-.279	.090	-.035	-.777
190	199	-.277	.091	.006	-.782
190	200	-.273	.071	-.041	-.631
190	201	-.263	.063	-.054	-.544
190	202	-.235	.058	-.058	-.479
190	203	-.230	.054	-.049	-.432
190	204	-.241	.050	-.071	-.413
190	205	-.238	.050	-.086	-.449
190	206	-.209	.044	-.071	-.400
190	207	-.230	.051	-.072	-.463
190	208	-.258	.051	-.114	-.502
190	209	-.265	.055	-.081	-.486
190	210	-.242	.055	-.049	-.486
190	211	-.263	.070	-.047	-.611
190	212	-.311	.085	-.025	-.764
190	213	-.299	.084	-.010	-.768
190	214	-.268	.082	.014	-.705
190	215	-.283	.097	-.029	-.816
190	216	-.307	.092	-.071	-.839
190	217	-.246	.053	-.086	-.500
190	218	-.210	.043	-.060	-.363
190	219	-.225	.046	-.051	-.377
190	220	-.259	.048	-.104	-.443
190	221	-.276	.064	-.079	-.572
190	222	-.251	.060	-.062	-.549
190	223	-.237	.070	-.042	-.648
190	224	-.257	.066	-.069	-.624
190	225	-.247	.069	-.012	-.662
190	226	-.214	.056	.042	-.472
190	227	-.228	.065	.049	-.575
190	228	-.234	.055	.013	-.427
190	229	-.231	.054	-.051	-.438
190	230	-.203	.046	-.031	-.341
190	231	-.232	.055	-.029	-.407
190	232	-.267	.058	-.060	-.525
190	233	-.267	.061	-.037	-.537
190	234	-.235	.053	-.069	-.445
190	235	-.257	.065	-.045	-.570
190	236	-.282	.064	-.081	-.591
190	237	-.285	.078	-.044	-.620
190	238	-.253	.071	.024	-.565
190	239	-.288	.099	.067	-.851
190	240	-.328	.095	.001	-.996
190	241	-.345	.104	.205	-.851
190	242	-.216	.046	-.049	-.366
190	243	-.206	.053	-.008	-.397
190	244	-.210	.053	-.015	-.399
190	245	-.220	.051	-.010	-.387
190	246	-.216	.044	-.076	-.411
190	247	-.291	.080	.023	-.728
190	248	-.239	.073	-.039	-.752
190	249	-.242	.074	-.036	-.697
190	250	-.232	.063	.041	-.562
190	251	-.291	.078	-.015	-.728
190	252	-.223	.059	-.034	-.459
190	253	-.210	.063	.020	-.431
190	254	-.205	.057	.016	-.392
190	255	-.268	.063	-.022	-.464
190	256	-.220	.060	-.004	-.456
190	257	-.236	.056	-.073	-.441
190	258	-.210	.049	-.042	-.382
190	259	-.284	.059	-.099	-.548
190	260	-.240	.055	-.068	-.471
190	261	-.240	.054	-.044	-.485
190	262	-.256	.053	-.086	-.501
190	263	-.333	.069	-.109	-.657
190	264	-.286	.067	-.068	-.568
190	265	-.270	.070	-.029	-.570
190	266	-.265	.066	.002	-.550
190	267	-.349	.092	-.091	-.924
190	268	-.339	.098	-.039	-.919
190	269	-.337	.100	.010	-1.041
190	270	-.239	.084	-.037	-.721
190	271	-.378	.109	-.068	-.970
190	272	-.350	.122	-.012	-1.121
190	273	-.251	.092	-.017	-.839
190	274	-.250	.086	-.042	-.797
190	275	-.192	.145	.450	-.835
190	276	-.152	.156	.579	-.746
190	277	-.250	.102	.005	-1.022
190	278	-.243	.091	-.011	-.687
190	279	-.265	.095	.026	-.861
190	280	-.216	.098	.107	-.716
190	281	-.212	.097	.064	-.826
190	282	-.181	.061	.007	-.462
190	283	-.222	.062	.000	-.464
190	284	-.165	.054	.045	-.333
190	285	-.145	.058	.071	-.334
190	286	-.073	.069	.268	-.294

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	287	-.209	.060	.026	-.408
190	288	-.139	.057	.075	-.318
190	289	-.229	.065	-.031	-.483
190	290	-.243	.058	-.052	-.514
190	291	-.256	.063	.006	-.497
190	292	-.207	.072	.152	-.506
190	293	-.288	.100	.042	-.880
190	294	-.291	.088	-.006	-.811
190	295	-.287	.066	-.045	-.546
190	296	-.205	.057	.011	-.432
190	297	-.165	.067	.081	-.429
190	298	-.151	.097	.231	-.592
190	299	-.226	.122	.315	-.866
190	301	-.312	.131	.060	-.989
190	302	-.324	.122	.034	-.864
190	303	-.536	.195	.058	-1.376
190	304	-.641	.205	-.026	-1.815
190	305	-.790	.254	-.226	-1.942
190	306	-.158	.097	.237	-.553
190	307	.033	.130	.553	-.562
190	308	.252	.155	.836	-.434
190	309	.319	.208	1.055	-.430
190	310	.056	.210	.719	-.796
190	311	-.092	.152	.446	-.674
190	312	-.204	.137	.312	-.756
190	313	-.038	.144	.525	-.626
190	314	.087	.157	.603	-.546
190	315	.017	.387	1.200	-1.424
190	316	.098	.252	1.064	-.912
190	317	-.010	.234	.955	-.743
190	318	-.106	.206	.802	-.833
190	319	-.588	.395	.576	-2.865
190	320	-.299	.264	.612	-1.427
190	321	-.189	.182	.569	-1.301
190	322	-.222	.156	.583	-.883
190	323	-.328	.192	.601	-1.132
190	324	-.287	.153	.176	-1.175
190	325	-.298	.163	.180	-1.095
190	326	-.515	.191	.056	-1.350
190	327	-.831	.236	-.190	-1.723
190	328	-.742	.230	-.145	-1.736
190	329	-.102	.109	.334	-.565
190	330	.175	.109	.669	-.238
190	331	.428	.172	1.449	-.154
190	332	.459	.200	1.160	-.311
190	333	.299	.242	1.357	-.691
190	334	.358	.178	1.135	-.244
190	335	.371	.205	1.344	-.184
190	336	.411	.198	1.390	-.153
190	337	.317	.224	1.227	-.270
190	338	-.078	.344	1.076	-1.105
190	339	-.011	.199	1.109	-.505
190	340	-.127	.153	.590	-.583
190	341	-.258	.167	.497	-.960
190	342	-.510	.246	.178	-1.934
190	343	-.547	.292	.373	-2.639
190	344	-.303	.149	.349	-1.065
190	345	-.296	.116	.436	-.730
190	346	-.326	.114	.592	-.798
190	347	-.330	.156	.188	-1.349
190	348	-.279	.172	.224	-1.028
190	349	-.599	.259	.482	-1.514
190	350	-.854	.189	-.218	-1.580
190	351	-.928	.220	-.197	-1.923
190	352	-.041	.107	.544	-.491
190	353	.282	.123	.732	-.129
190	354	.588	.152	1.144	.135
190	355	.556	.187	1.251	.015
190	356	.439	.185	1.112	-.155
190	357	.493	.180	1.138	-.059
190	358	.542	.160	1.148	.093
190	359	.511	.193	1.314	-.159
190	360	.309	.184	.950	-.254
190	361	-.490	.300	.603	-1.788
190	362	-.136	.096	.294	-.483
190	363	-.315	.083	.051	-.708
190	364	-.304	.086	.018	-.772
190	365	-.329	.118	.037	-1.228
190	366	-.338	.107	-.010	-1.120
190	367	-.417	.125	-.067	-1.301
190	368	-.333	.100	.298	-1.028
190	369	-.338	.105	.097	-1.249
190	370	-.278	.111	.027	-1.319
190	371	-.355	.156	.092	-1.253
190	372	-.584	.225	.053	-1.443
190	373	-.907	.190	-.231	-1.750
190	374	-.905	.168	-.361	-1.746
190	375	-.110	.105	.297	-.494
190	376	.248	.122	.701	-.159
190	377	.568	.178	1.351	.051
190	378	.554	.157	1.124	.117
190	379	.442	.168	1.065	-.110
190	380	.493	.162	1.119	-1.251
190	381	.540	.164	1.204	.142
190	382	.523	.156	1.175	.069
190	383	.298	.183	1.171	-.575
190	384	-.590	.306	.571	-1.878
190	385	-.183	.112	.239	-.757
190	386	-.282	.071	-.027	-.609
190	387	-.330	.085	-.043	-.747
190	388	-.322	.095	-.025	-.856
190	389	-.333	.104	-.027	-.852
190	390	-.362	.103	-.010	-.931
190	391	-.360	.112	-.012	-.860
190	392	-.354	.112	-.010	-.914
190	393	.444	.170	1.047	-.331
190	394	.501	.148	1.100	-.070
190	395	.525	.164	1.187	.067
190	396	.516	.158	1.148	.093
190	397	.134	.172	.845	-.593
190	398	-.307	.105	.088	-.844
190	399	-.316	.141	.196	-.951
190	400	-.561	.227	.103	-1.469
190	401	-.857	.199	-.200	-1.930
190	402	-.865	.183	-.388	-1.960
190	403	-.164	.108	.189	-.740
190	404	.173	.122	.703	-.251
190	405	.431	.165	1.225	-.096
190	406	.463	.160	1.199	-.296
190	407	.271	.252	1.183	-1.569
190	408	-.135	.265	.742	-1.085
190	409	-.100	.136	.474	-.749
190	410	-.239	.094	.338	-.640
190	411	-.351	.115	.249	-.898
190	412	-.469	.154	-.044	-1.277
190	413	-.472	.165	-.039	-1.210
190	414	-.427	.169	.088	-1.294
190	415	-.305	.138	.129	-.999
190	416	-.287	.113	.079	-.977
190	417	-.216	.103	.187	-.778
190	418	.055	.114	.466	-.313
190	419	.395	.176	1.195	-.177
190	420	.214	.137	1.028	-.248
190	421	-.118	.127	.572	-.797
190	422	-.287	.128	.175	-1.183
190	423	-.337	.137	.143	-1.107
190	424	-.339	.131	.170	-.931
190	425	-.488	.170	.087	-1.246
190	426	-.641	.170	-.207	-1.539
190	427	-.644	.199	-.216	-1.722
190	428	-.190	.083	.088	-.561
190	429	-.018	.107	.415	-.419
190	430	.195	.136	.735	-.215
190	431	.246	.163	1.065	-.216
190	432	.193	.151	1.001	-.207
190	433	.218	.157	1.016	-.253
190	434	.142	.126	.610	-.318
190	435	-.001	.131	.483	-.515
190	436	-.117	.126	.381	-.580
190	437	-.478	.228	.377	-1.838

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	438	-.449	.232	.259	-1.412
190	439	-.161	.161	.400	-1.224
190	440	-.171	.075	.119	-.508
190	441	-.199	.079	.168	-.583
190	442	.135	.130	.646	-.212
190	443	.112	.137	.694	-.249
190	444	.146	.136	.768	-.198
190	445	.095	.132	.581	-.300
190	446	.130	.153	.795	-.332
190	447	-.338	.104	.046	-.869
190	448	-.272	.101	.100	-.763
190	449	-.388	.179	.129	-1.217
190	450	-.626	.182	-.117	-1.603
190	451	-.672	.206	-.149	-1.864
190	452	-.248	.103	.112	-.620
190	453	-.134	.096	.252	-.475
190	454	-.067	.079	.249	-.351
190	455	-.038	.088	.424	-.414
190	456	.016	.086	.347	-.377
190	457	.156	.097	.527	-.166
190	458	.178	.092	.559	-.054
190	459	.148	.101	.565	-.145
190	460	.036	.082	.386	-.218
190	461	-.038	.086	.320	-.475
190	462	-.050	.072	.291	-.272
190	463	-.066	.100	.326	-.470
190	464	-.086	.118	.376	-.545
190	465	-.298	.262	.348	-1.626
190	466	-.236	.217	.392	-1.226
190	467	-.147	.114	.431	-.741
190	468	-.171	.085	.243	-.485
190	469	-.204	.079	.093	-.564
190	470	-.243	.072	.017	-.624
190	471	-.156	.103	.361	-.509
190	472	-.182	.085	.119	-.551
190	473	-.160	.082	.157	-.857
190	474	-.163	.074	.186	-.441
190	475	-.144	.111	.382	-.576
190	476	-.164	.092	.167	-.609
190	477	-.145	.067	.102	-.425
190	478	-.148	.060	.052	-.351
190	479	-.174	.091	.099	-.556
190	480	-.269	.150	.115	-1.466
190	481	-.297	.159	.143	-1.273
190	482	-.084	.084	.200	-.409
190	483	-.001	.097	.387	-.361
190	484	.111	.113	.677	-.315
190	485	-.006	.113	.584	-.507
190	486	.109	.093	.612	-.249
190	487	.216	.117	.858	-.105
190	488	.236	.115	.845	-.048
190	489	.257	.122	1.007	-.080
190	490	.142	.081	.520	-.078
190	491	.009	.103	.354	-.400
190	492	.090	.086	.489	-.244
190	493	-.000	.083	.339	-.400
190	494	-.056	.082	.288	-.518
190	495	-.105	.136	.438	-.565
190	496	-.070	.146	.599	-.600
190	497	-.008	.159	.670	-.412
190	498	-.104	.101	.277	-.434
190	499	-.172	.089	.192	-.595
190	801	-.290	.057	-.055	-.520
190	802	-.241	.054	-.054	-.454
190	803	-.234	.055	-.014	-.414
190	804	-.169	.054	.046	-.377
190	805	.110	.143	.746	-.409
190	806	.144	.117	.744	-.221
190	807	.178	.133	.693	-.287
190	808	.182	.124	.703	-.247
190	901	-.298	.121	.135	-.923
190	902	-.056	.123	.418	-.523
190	903	-.268	.113	.152	-.714
190	904	-.373	.144	.055	-1.219
190	905	-.073	.127	.374	-.565
190	906	-.162	.107	.214	-.628
190	907	-.335	.122	.108	-1.032
190	908	-.193	.095	.120	-.825
190	909	-.325	.133	.204	-1.096
190	910	-.451	.150	.057	-1.064
190	911	-.209	.129	.242	-.835
190	912	-.295	.052	-.121	-.477
190	913	-.243	.050	-.076	-.402
190	914	-.242	.049	-.083	-.414
190	915	-.232	.045	-.089	-.387
190	916	-.481	.260	.490	-1.855
190	917	-.513	.191	.054	-1.600
190	918	-.233	.195	.444	-1.224
190	919	-.706	.359	.562	-2.374
190	920	-.522	.206	.186	-1.989
190	921	-.510	.153	.051	-1.307
190	922	-.188	.142	.263	-.948
190	923	-.546	.167	.107	-1.244
190	924	-.191	.110	.337	-.840
190	925	-.561	.197	-.007	-1.373
190	926	-.423	.129	-.001	-1.019
190	927	.458	.165	1.350	-.126
190	928	.472	.166	1.360	-.002
190	929	.501	.166	1.246	.123
190	930	.536	.161	1.293	.071
200	1	-.268	.075	-.061	-.742
200	2	-.155	.071	.071	-.597
200	3	-.321	.088	.020	-.770
200	4	-.198	.077	.079	-.608
200	101	-.397	.259	.332	-2.835
200	102	-.433	.207	.169	-1.942
200	103	-.383	.176	.306	-1.186
200	104	-.277	.138	.138	-1.315
200	105	-.279	.130	.120	-.954
200	106	-.324	.097	-.030	-1.066
200	107	-.319	.105	.001	-1.062
200	108	-.234	.083	.010	-.587
200	109	-.251	.092	-.014	-.850
200	110	-.304	.066	-.088	-.618
200	111	-.307	.075	-.042	-.618
200	112	-.290	.085	.010	-.656
200	113	-.287	.088	.019	-.817
200	114	-.329	.077	-.088	-.772
200	115	-.329	.078	-.042	-.794
200	116	-.247	.071	.029	-.602
200	117	-.245	.071	-.007	-.603
200	118	-.313	.066	-.102	-.720
200	119	-.352	.103	-.037	-.906
200	120	-.279	.094	.029	-.847
200	121	-.280	.091	.019	-.765
200	122	-.363	.092	-.065	-.805
200	123	-.373	.109	-.009	-.938
200	124	-.325	.168	.126	-1.377
200	125	-.367	.197	.172	-1.837
200	126	-.362	.125	.077	-1.019
200	127	-.339	.122	.063	-.851
200	128	-.277	.120	.079	-.906
200	129	-.269	.120	.061	-1.069
200	130	-.326	.108	-.033	-1.071
200	131	-.311	.099	-.047	-.960
200	132	-.240	.082	-.021	-.801
200	133	-.238	.065	-.061	-.563
200	134	-.293	.055	-.142	-.523
200	135	-.292	.063	-.116	-.568
200	136	-.227	.061	-.055	-.485
200	137	-.231	.060	.040	-.549
200	138	-.301	.052	-.115	-.551
200	139	-.301	.057	-.089	-.511
200	140	-.241	.057	-.021	-.490
200	141	-.257	.066	-.042	-.671
200	142	-.348	.079	-.120	-.802
200	143	-.349	.087	-.084	-.851
200	144	-.260	.081	.000	-.683
200	145	-.274	.101	.047	-.904
200	146	-.347	.095	-.078	-.909

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	147	-.359	.122	-.027	-1.427
200	148	-.278	.114	-.005	-1.175
200	149	-.260	.098	.042	-1.156
200	150	-.311	.073	-.117	-.653
200	151	-.317	.085	-.074	-.841
200	152	-.235	.075	-.017	-.683
200	153	-.238	.077	-.002	-.815
200	154	-.294	.064	-.112	-.777
200	155	-.298	.067	-.069	-.638
200	156	-.231	.057	-.059	-.518
200	157	-.226	.050	-.045	-.454
200	158	-.278	.046	-.115	-.481
200	159	-.286	.053	-.084	-.516
200	160	-.219	.053	-.040	-.438
200	161	-.234	.049	-.082	-.447
200	162	-.297	.044	-.145	-.436
200	163	-.314	.056	-.139	-.511
200	164	-.256	.059	-.057	-.476
200	165	-.291	.083	-.082	-.695
200	166	-.355	.072	-.157	-.725
200	167	-.339	.083	-.089	-.782
200	168	-.274	.098	.012	-.740
200	169	-.281	.105	.040	-.963
200	170	-.349	.067	-.000	-.780
200	171	-.333	.070	-.024	-.846
200	172	-.235	.055	.019	-.445
200	173	-.223	.055	-.037	-.531
200	174	-.193	.050	-.026	-.523
200	175	-.194	.047	-.051	-.424
200	176	-.208	.043	-.066	-.397
200	177	-.207	.045	-.053	-.352
200	178	-.186	.041	-.031	-.307
200	179	-.205	.046	-.056	-.350
200	180	-.221	.045	-.087	-.364
200	181	-.211	.044	-.040	-.368
200	182	-.184	.041	-.019	-.318
200	183	-.197	.047	-.008	-.341
200	184	-.256	.054	-.017	-.466
200	185	-.242	.050	-.095	-.412
200	186	-.221	.047	-.073	-.390
200	187	-.241	.057	-.058	-.470
200	188	-.277	.070	-.080	-.841
200	189	-.283	.071	-.083	-.708
200	190	-.232	.058	-.053	-.512
200	191	-.248	.077	-.028	-.678
200	192	-.271	.074	-.027	-.699
200	193	-.218	.044	-.065	-.393
200	194	-.183	.039	-.051	-.341
200	195	-.194	.044	-.044	-.361
200	196	-.213	.043	-.066	-.392
200	197	-.245	.053	-.079	-.430
200	198	-.201	.058	-.010	-.525
200	199	-.209	.062	-.017	-.538
200	200	-.223	.056	-.031	-.545
200	201	-.219	.050	-.060	-.412
200	202	-.190	.045	-.042	-.368
200	203	-.195	.046	-.010	-.388
200	204	-.211	.045	-.036	-.452
200	205	-.221	.045	-.058	-.416
200	206	-.197	.049	-.062	-.366
200	207	-.226	.048	-.065	-.418
200	208	-.261	.050	-.094	-.448
200	209	-.257	.054	-.083	-.506
200	210	-.228	.053	-.071	-.465
200	211	-.244	.065	-.051	-.624
200	212	-.279	.075	-.080	-.766
200	213	-.271	.075	-.046	-.641
200	214	-.252	.075	-.019	-.775
200	215	-.275	.090	.037	-.931
200	216	-.300	.086	.010	-.764
200	217	-.220	.044	-.063	-.373
200	218	-.188	.039	-.055	-.318
200	219	-.215	.045	-.065	-.386
200	220	-.258	.047	-.085	-.441
200	221	-.266	.064	-.072	-.561
200	222	-.238	.059	-.067	-.525
200	223	-.210	.058	-.017	-.506
200	224	-.230	.054	-.071	-.510
200	225	-.228	.059	-.028	-.547
200	226	-.196	.047	-.044	-.386
200	227	-.209	.054	-.037	-.427
200	228	-.218	.047	-.062	-.373
200	229	-.220	.046	-.072	-.377
200	230	-.195	.040	-.069	-.332
200	231	-.227	.049	-.078	-.395
200	232	-.261	.054	-.110	-.485
200	233	-.253	.059	-.083	-.506
200	234	-.224	.052	-.062	-.435
200	235	-.246	.064	-.058	-.592
200	236	-.267	.061	-.092	-.613
200	237	-.254	.062	-.003	-.522
200	238	-.214	.057	-.006	-.447
200	239	-.236	.078	.026	-.590
200	240	-.286	.089	.015	-.801
200	241	-.296	.096	.243	-.889
200	242	-.203	.042	-.076	-.359
200	243	-.192	.047	-.035	-.350
200	244	-.202	.047	-.038	-.364
200	245	-.210	.047	-.021	-.384
200	246	-.205	.044	-.053	-.363
200	247	-.279	.065	-.036	-.675
200	248	-.230	.065	.020	-.603
200	249	-.215	.056	-.045	-.499
200	250	-.214	.046	-.063	-.428
200	251	-.264	.056	-.098	-.594
200	252	-.210	.048	-.052	-.378
200	253	-.210	.049	-.023	-.393
200	254	-.210	.043	-.060	-.376
200	255	-.264	.050	-.059	-.452
200	256	-.215	.049	-.047	-.405
200	257	-.224	.043	-.087	-.385
200	258	-.203	.038	-.074	-.338
200	259	-.267	.046	-.113	-.427
200	260	-.225	.044	-.081	-.369
200	261	-.227	.048	-.016	-.419
200	262	-.240	.047	-.091	-.404
200	263	-.305	.059	-.125	-.597
200	264	-.264	.057	-.086	-.498
200	265	-.246	.056	-.052	-.487
200	266	-.235	.053	-.065	-.466
200	267	-.299	.074	-.034	-.729
200	268	-.296	.086	-.035	-.860
200	269	-.305	.085	.036	-.811
200	270	-.229	.070	-.029	-.642
200	271	-.329	.090	.018	-.756
200	272	-.310	.103	.214	-.810
200	273	-.229	.071	-.028	-.655
200	274	-.231	.069	-.044	-.580
200	275	-.206	.101	.278	-.624
200	276	-.174	.109	.353	-.575
200	277	-.228	.078	.071	-.766
200	278	-.224	.068	.011	-.582
200	279	-.247	.066	-.044	-.665
200	280	-.210	.075	.025	-.601
200	281	-.211	.082	.088	-.769
200	282	-.187	.054	.070	-.416
200	283	-.225	.053	.013	-.405
200	284	-.170	.046	.006	-.309
200	285	-.150	.048	.050	-.305
200	286	-.089	.062	.258	-.248
200	287	-.207	.051	.000	-.356
200	288	-.143	.051	.104	-.304
200	289	-.214	.055	-.038	-.433
200	290	-.236	.047	-.084	-.404
200	291	-.249	.052	-.061	-.437
200	292	-.196	.057	.034	-.465
200	293	-.265	.078	-.014	-.773
200	294	-.267	.066	-.046	-.625
200	295	-.268	.054	-.086	-.491
200	296	-.196	.048	-.042	-.373

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	297	-.166	.052	.024	-.336
200	298	-.169	.077	.187	-.597
200	299	-.234	.090	.140	-.707
200	301	-.325	.146	.133	-1.116
200	302	-.342	.135	.114	-1.178
200	303	-.484	.196	.046	-1.287
200	304	-.656	.203	-.104	-1.758
200	305	-.803	.237	-.089	-2.056
200	306	-.184	.102	.290	-.710
200	307	.064	.128	.587	-.497
200	308	.236	.155	.844	-.442
200	309	.362	.194	1.063	-.447
200	310	.144	.200	.797	-.801
200	311	.022	.134	.534	-.570
200	312	-.168	.128	.477	-.878
200	313	-.026	.137	.504	-.691
200	314	.105	.141	.630	-.558
200	315	.193	.310	1.062	-1.489
200	316	.186	.256	1.168	-.619
200	317	.092	.263	1.117	-.620
200	318	-.010	.234	.884	-.754
200	319	-.523	.418	.677	-2.542
200	320	-.235	.284	.630	-1.602
200	321	-.103	.178	.666	-1.215
200	322	-.162	.142	.501	-.799
200	323	-.231	.154	.437	-.959
200	324	-.288	.149	.225	-1.087
200	325	-.303	.165	.142	-1.105
200	326	-.532	.188	.029	-1.339
200	327	-.745	.200	-.029	-1.768
200	328	-.716	.202	-.083	-1.787
200	329	-.139	.115	.293	-.574
200	330	.137	.122	.640	-.303
200	331	.417	.184	1.165	-.272
200	332	.516	.212	1.236	-.545
200	333	.376	.243	1.167	-.419
200	334	.411	.167	1.054	-.108
200	335	.403	.189	1.206	-.169
200	336	.443	.189	1.264	-.102
200	337	.384	.220	1.195	-.231
200	338	.168	.330	1.260	-.860
200	339	.106	.225	1.146	-.525
200	340	-.051	.190	.861	-.671
200	341	-.217	.193	.677	-.915
200	342	-.616	.298	.168	-2.124
200	343	-.575	.356	.342	-2.707
200	344	-.233	.143	.366	-1.079
200	345	-.246	.109	.306	-.639
200	346	-.285	.108	.092	-.769
200	347	-.320	.149	.117	-1.579

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	348	-.286	.172	.249	-1.392
200	349	-.578	.243	.371	-1.558
200	350	-.803	.177	-.212	-1.654
200	351	-.824	.198	-.212	-1.844
200	352	-.094	.113	.325	-.760
200	353	.221	.131	.763	-.231
200	354	.527	.150	1.134	.031
200	355	.511	.172	1.088	-.057
200	356	.445	.190	1.098	-.216
200	357	.496	.171	1.447	-.130
200	358	.536	.157	1.408	.138
200	359	.477	.175	1.461	-.005
200	360	.311	.198	1.414	-.399
200	361	-.328	.381	1.070	-1.498
200	362	-.097	.128	.547	-.621
200	363	-.283	.096	.158	-.961
200	364	-.305	.104	.026	-1.172
200	365	-.354	.156	-.033	-1.400
200	366	-.364	.149	-.084	-1.567
200	367	-.401	.140	-.078	-1.111
200	368	-.309	.100	.011	-.930
200	369	-.303	.103	.028	-.922
200	370	-.278	.103	.008	-1.154
200	371	-.324	.138	.063	-1.038
200	372	-.533	.221	.103	-1.401
200	373	-.755	.213	-.084	-1.810
200	374	-.780	.191	-.235	-1.804
200	375	-.162	.123	.458	-.617
200	376	.117	.145	.721	-.427
200	377	.353	.187	1.130	-.212
200	378	.343	.149	1.023	-.340
200	379	.251	.154	1.007	-1.028
200	380	.318	.141	1.009	-.268
200	381	.363	.157	1.097	-.091
200	382	.336	.147	1.056	-.045
200	383	.152	.170	.906	-.454
200	384	-.393	.329	.597	-1.611
200	385	-.164	.133	.544	-.680
200	386	-.235	.077	.229	-.535
200	387	-.271	.077	.128	-.582
200	388	-.268	.076	-.069	-.985
200	389	-.281	.086	-.061	-1.055
200	390	-.303	.076	-.099	-.846
200	391	-.301	.081	-.042	-.954
200	392	-.292	.081	-.034	-1.013
200	393	.256	.172	1.030	-.490
200	394	.384	.164	1.304	-.106
200	395	.397	.180	1.673	-.063
200	396	.395	.174	1.560	-.034
200	397	.062	.144	.766	-.534

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	398	-.265	.076	.028	-.722
200	399	-.268	.099	.133	-.909
200	400	-.396	.174	.051	-1.323
200	401	-.682	.194	-.133	-1.525
200	402	-.713	.180	-.218	-1.659
200	403	-.200	.106	.229	-.626
200	404	.049	.137	.740	-.366
200	405	.230	.162	1.095	-.249
200	406	.221	.175	.932	-.767
200	407	.068	.244	.806	-1.295
200	408	-.121	.187	.550	-1.337
200	409	-.081	.122	.511	-.571
200	410	-.190	.086	.302	-.492
200	411	-.277	.099	.107	-.671
200	412	-.376	.119	-.076	-.952
200	413	-.357	.122	.008	-.923
200	414	-.335	.111	.074	-.841
200	415	-.262	.097	.170	-.806
200	416	-.242	.082	.034	-.894
200	417	-.218	.093	.168	-.682
200	418	-.033	.092	.405	-.366
200	419	.213	.135	.822	-.362
200	420	.120	.115	.803	-.336
200	421	-.102	.102	.300	-.629
200	422	-.228	.097	.166	-.750
200	423	-.277	.101	.196	-.748
200	424	-.266	.097	.065	-.683
200	425	-.378	.137	-.164	-1.020
200	426	-.516	.139	-.160	-1.172
200	427	-.529	.172	-.122	-1.458
200	428	-.188	.076	.252	-.446
200	429	-.068	.094	.356	-.413
200	430	.089	.114	.686	-.275
200	431	.131	.133	.927	-.292
200	432	.104	.115	.824	-.228
200	433	.127	.114	.710	-.202
200	434	.071	.094	.573	-.277
200	435	-.043	.108	.446	-.395
200	436	-.133	.103	.327	-.573
200	437	-.389	.169	.127	-1.254
200	438	-.363	.172	.229	-1.256
200	439	-.160	.114	.341	-.989
200	440	-.187	.062	.128	-.394
200	441	-.190	.060	.101	-.448
200	442	.061	.095	.458	-.237
200	443	.045	.097	.434	-.262
200	444	.070	.094	.445	-.228
200	445	.053	.094	.472	-.272
200	446	.063	.099	.545	-.310
200	447	-.284	.085	-.018	-.704

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	448	-.223	.079	.051	-.687
200	449	-.259	.115	.107	-.810
200	450	-.411	.137	-.060	-1.042
200	451	-.461	.158	-.084	-1.533
200	452	-.218	.078	.087	-.595
200	453	-.155	.079	.213	-.512
200	454	-.125	.065	.190	-.347
200	455	-.117	.076	.223	-.432
200	456	-.054	.073	.252	-.556
200	457	.035	.083	.422	-.254
200	458	.046	.078	.426	-.181
200	459	.013	.086	.437	-.335
200	460	-.053	.064	.245	-.330
200	461	-.077	.068	.191	-.508
200	462	-.078	.058	.163	-.306
200	463	-.071	.078	.272	-.357
200	464	-.056	.085	.317	-.441
200	465	-.121	.138	.402	-.887
200	466	-.108	.113	.347	-.760
200	467	-.092	.110	.724	-.465
200	468	-.128	.095	.423	-.439
200	469	-.169	.073	.140	-.435
200	470	-.211	.056	-.036	-.536
200	471	-.148	.087	.305	-.478
200	472	-.163	.068	.165	-.545
200	473	-.147	.056	.204	-.342
200	474	-.162	.053	.183	-.407
200	475	-.148	.078	.382	-.383
200	476	-.158	.064	.208	-.387
200	477	-.139	.052	.129	-.336
200	478	-.141	.047	.043	-.347
200	479	-.153	.064	.076	-.524
200	480	-.201	.108	.143	-.943
200	481	-.221	.108	.039	-.926
200	482	-.109	.060	.242	-.365
200	483	-.067	.072	.335	-.300
200	484	.008	.086	.480	-.211
200	485	-.038	.088	.407	-.370
200	486	.024	.082	.492	-.155
200	487	.080	.110	.702	-.166
200	488	.101	.106	.739	-.133
200	489	.087	.105	.686	-.166
200	490	.024	.075	.391	-.166
200	491	-.028	.075	.368	-.311
200	492	.011	.075	.482	-.204
200	493	-.027	.071	.301	-.323
200	494	-.061	.064	.190	-.396
200	495	-.088	.084	.324	-.423
200	496	-.052	.088	.484	-.400
200	497	-.045	.102	.516	-.340

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	498	-.126	.074	.339	-.328
200	499	-.178	.071	.223	-.482
200	801	-.275	.051	-.120	-.466
200	802	-.234	.047	-.071	-.445
200	803	-.230	.048	-.057	-.421
200	804	-.172	.045	.016	-.333
200	805	-.023	.128	.549	-.504
200	806	.018	.114	.592	-.283
200	807	.020	.128	.626	-.413
200	808	.029	.120	.573	-.279
200	901	-.294	.115	.237	-.780
200	902	-.013	.125	.523	-.454
200	903	-.252	.113	.135	-.777
200	904	-.386	.152	.116	-1.082
200	905	-.014	.120	.504	-.545
200	906	-.117	.099	.267	-.489
200	907	-.333	.117	.128	-.808
200	908	-.151	.084	.219	-.491
200	909	-.310	.117	.248	-.871
200	910	-.435	.138	.004	-1.109
200	911	-.154	.120	.249	-.536
200	912	-.273	.043	-.122	-.420
200	913	-.224	.042	-.081	-.381
200	914	-.226	.044	-.073	-.376
200	915	-.216	.041	-.081	-.338
200	916	-.500	.245	-.279	-1.609
200	917	-.471	.139	-.087	-1.389
200	918	-.234	.205	.360	-1.102
200	919	-.690	.303	.246	-2.228
200	920	-.481	.154	.123	-1.441
200	921	-.517	.137	-.130	-1.152
200	922	-.186	.143	.279	-.851
200	923	-.552	.147	-.103	-1.203
200	924	-.166	.104	.392	-.692
200	925	-.553	.180	.024	-1.500
200	926	-.407	.127	.059	-1.161
200	927	.370	.142	1.010	-.104
200	928	.390	.142	1.206	-.068
200	929	.426	.155	1.177	-.243
200	930	.461	.159	1.091	.098
210	1	-.237	.048	-.093	-.413
210	2	-.138	.051	.075	-.372
210	3	-.232	.069	.025	-.590
210	4	-.245	.069	.011	-.596
210	101	-.302	.172	.090	-1.853
210	102	-.351	.148	.022	-1.404
210	103	-.337	.155	.087	-1.128
210	104	-.254	.137	.122	-.935
210	105	-.264	.136	.085	-.999
210	106	-.282	.089	-.048	-.716

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	107	-.276	.095	-.017	-.779
210	108	-.202	.073	.029	-.645
210	109	-.211	.072	.000	-.709
210	110	-.270	.059	.048	-.539
210	111	-.286	.070	.027	-.575
210	112	-.274	.089	.000	-.681
210	113	-.266	.080	.005	-.674
210	114	-.299	.068	-.077	-.584
210	115	-.302	.074	-.059	-.647
210	116	-.225	.067	.012	-.457
210	117	-.226	.072	.024	-.542
210	118	-.289	.067	-.060	-.619
210	119	-.325	.105	-.024	-1.166
210	120	-.257	.098	.031	-1.033
210	121	-.257	.091	.031	-.801
210	122	-.332	.089	-.035	-1.016
210	123	-.343	.106	-.014	-1.141
210	124	-.283	.151	.050	-1.478
210	125	-.264	.125	.071	-.999
210	126	-.315	.109	.082	-.986
210	127	-.303	.115	.028	-.932
210	128	-.242	.115	.091	-.981
210	129	-.235	.099	.181	-.858
210	130	-.284	.080	.027	-.733
210	131	-.275	.075	.009	-.955
210	132	-.213	.063	-.026	-.735
210	133	-.213	.054	-.005	-.479
210	134	-.269	.047	-.067	-.497
210	135	-.271	.054	-.037	-.516
210	136	-.207	.052	.026	-.447
210	137	-.212	.052	-.021	-.469
210	138	-.278	.049	-.080	-.502
210	139	-.278	.055	-.049	-.535
210	140	-.219	.056	-.002	-.452
210	141	-.232	.064	-.047	-.552
210	142	-.314	.075	-.107	-.708
210	143	-.316	.084	-.076	-.803
210	144	-.241	.081	.007	-.812
210	145	-.252	.093	.031	-.717
210	146	-.321	.089	-.080	-.847
210	147	-.339	.138	-.014	-1.359
210	148	-.279	.136	.064	-1.373
210	149	-.259	.112	.031	-.910
210	150	-.312	.078	-.120	-.793
210	151	-.319	.092	-.064	-.759
210	152	-.227	.069	.067	-.721
210	153	-.217	.064	.033	-.561
210	154	-.266	.050	-.102	-.626
210	155	-.266	.051	-.109	-.513
210	156	-.202	.046	-.059	-.419

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	157	-.207	.045	-.071	-.382
210	158	-.259	.041	-.125	-.433
210	159	-.264	.047	-.124	-.463
210	160	-.201	.045	-.064	-.397
210	161	-.216	.047	-.019	-.413
210	162	-.274	.043	-.105	-.433
210	163	-.287	.056	-.079	-.496
210	164	-.228	.059	-.026	-.476
210	165	-.263	.085	-.033	-.811
210	166	-.327	.074	-.122	-.750
210	167	-.316	.089	-.057	-1.034
210	168	-.261	.104	.074	-.921
210	169	-.263	.102	.075	-1.207
210	170	-.316	.075	-.087	-.723
210	171	-.300	.080	-.019	-.945
210	172	-.215	.067	-.005	-.819
210	173	-.211	.055	-.025	-.856
210	174	-.184	.049	-.030	-.483
210	175	-.180	.047	-.012	-.489
210	176	-.192	.043	-.038	-.426
210	177	-.190	.041	-.041	-.409
210	178	-.170	.036	-.028	-.329
210	179	-.187	.041	-.035	-.325
210	180	-.203	.039	-.047	-.337
210	181	-.190	.041	-.062	-.320
210	182	-.165	.037	-.053	-.282
210	183	-.174	.043	-.037	-.316
210	184	-.224	.047	-.068	-.389
210	185	-.219	.045	-.046	-.373
210	186	-.198	.044	-.030	-.371
210	187	-.216	.054	-.028	-.462
210	188	-.254	.070	-.043	-.644
210	189	-.258	.072	-.028	-.684
210	190	-.216	.062	-.041	-.494
210	191	-.231	.078	.008	-.719
210	192	-.255	.075	-.031	-.709
210	193	-.207	.042	-.066	-.380
210	194	-.177	.037	-.057	-.329
210	195	-.184	.041	-.055	-.354
210	196	-.205	.040	-.077	-.376
210	197	-.221	.046	-.062	-.409
210	198	-.180	.052	-.008	-.445
210	199	-.186	.056	.001	-.504
210	200	-.200	.050	-.049	-.484
210	201	-.204	.047	-.050	-.393
210	202	-.178	.042	-.039	-.345
210	203	-.177	.044	-.021	-.343
210	204	-.192	.043	-.031	-.348
210	205	-.194	.043	-.059	-.350
210	206	-.173	.039	-.057	-.331

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	207	-.196	.045	-.048	-.446
210	208	-.232	.048	-.091	-.444
210	209	-.229	.047	-.073	-.452
210	210	-.201	.046	-.068	-.443
210	211	-.216	.057	-.048	-.522
210	212	-.248	.066	-.079	-.642
210	213	-.247	.065	-.005	-.629
210	214	-.230	.066	-.035	-.570
210	215	-.254	.082	-.030	-.819
210	216	-.276	.078	-.054	-.713
210	217	-.197	.045	.002	-.364
210	218	-.165	.039	.021	-.296
210	219	-.189	.045	-.001	-.341
210	220	-.236	.047	-.040	-.399
210	221	-.238	.056	-.048	-.488
210	222	-.210	.051	-.041	-.436
210	223	-.178	.051	-.001	-.397
210	224	-.198	.047	-.029	-.378
210	225	-.201	.052	-.039	-.513
210	226	-.173	.042	-.028	-.327
210	227	-.184	.048	-.017	-.370
210	228	-.195	.042	-.029	-.366
210	229	-.197	.043	-.050	-.350
210	230	-.170	.037	-.039	-.311
210	231	-.192	.043	-.050	-.345
210	232	-.232	.047	-.082	-.440
210	233	-.232	.052	-.071	-.479
210	234	-.206	.046	-.050	-.387
210	235	-.225	.055	-.048	-.522
210	236	-.247	.053	-.065	-.497
210	237	-.237	.053	-.048	-.475
210	238	-.203	.049	-.030	-.445
210	239	-.236	.073	-.001	-.618
210	240	-.303	.083	-.068	-.768
210	241	-.298	.082	-.087	-.849
210	242	-.182	.036	-.059	-.322
210	243	-.180	.041	-.039	-.334
210	244	-.196	.041	-.061	-.353
210	245	-.201	.044	-.059	-.359
210	246	-.189	.041	-.059	-.347
210	247	-.256	.062	-.069	-.651
210	248	-.202	.057	-.036	-.456
210	249	-.203	.055	-.017	-.530
210	250	-.202	.045	-.030	-.404
210	251	-.242	.053	-.064	-.554
210	252	-.198	.046	-.038	-.391
210	253	-.196	.045	-.014	-.380
210	254	-.194	.040	-.049	-.346
210	255	-.235	.046	-.072	-.409
210	256	-.201	.046	-.048	-.384

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	257	-.210	.042	-.070	-.355
210	258	-.199	.038	-.069	-.324
210	259	-.247	.044	-.097	-.396
210	260	-.217	.044	-.073	-.360
210	261	-.217	.045	-.055	-.380
210	262	-.230	.044	-.091	-.387
210	263	-.280	.052	-.119	-.561
210	264	-.244	.050	-.087	-.485
210	265	-.227	.046	-.082	-.394
210	266	-.219	.043	-.076	-.390
210	267	-.272	.063	-.074	-.559
210	268	-.300	.084	-.087	-1.039
210	269	-.293	.076	-.060	-.730
210	270	-.198	.049	-.035	-.436
210	271	-.288	.074	-.007	-.676
210	272	-.287	.085	-.004	-.815
210	273	-.198	.058	-.034	-.520
210	274	-.200	.055	-.047	-.592
210	275	-.265	.076	.038	-.516
210	276	-.246	.072	.084	-.534
210	277	-.196	.058	.005	-.979
210	278	-.198	.054	-.013	-1.010
210	279	-.231	.057	-.039	-.596
210	280	-.201	.055	-.012	-.443
210	281	-.207	.061	.041	-.612
210	282	-.188	.045	-.008	-.387
210	283	-.222	.048	-.030	-.381
210	284	-.177	.044	-.038	-.318
210	285	-.165	.046	.022	-.314
210	286	-.142	.049	.121	-.293
210	287	-.222	.047	-.047	-.371
210	288	-.173	.046	-.009	-.328
210	289	-.204	.046	-.072	-.363
210	290	-.213	.041	-.091	-.373
210	291	-.244	.048	-.097	-.436
210	292	-.212	.053	-.024	-.504
210	293	-.247	.060	-.077	-.614
210	294	-.246	.053	-.083	-.543
210	295	-.252	.049	-.074	-.431
210	296	-.191	.045	-.026	-.333
210	297	-.181	.049	.032	-.423
210	298	-.229	.070	.126	-.485
210	299	-.295	.075	.093	-.554
210	301	-.277	.134	.118	-1.164
210	302	-.292	.126	.057	-.987
210	303	-.395	.192	.218	-1.250
210	304	-.564	.211	.126	-1.685
210	305	-.686	.236	.109	-2.265
210	306	-.201	.128	.552	-.746
210	307	.003	.155	.859	-.517

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	308	.151	.173	.817	-.458
210	309	.245	.235	.983	-.859
210	310	.175	.173	.802	-.481
210	311	.026	.141	.550	-.673
210	312	-.134	.120	.434	-.633
210	313	-.013	.133	.456	-.659
210	314	.051	.166	.664	-.733
210	315	.340	.231	1.224	-.688
210	316	.372	.261	1.411	-.465
210	317	.286	.269	1.268	-.578
210	318	.182	.241	1.065	-.670
210	319	-.548	.407	1.015	-2.447
210	320	-.113	.253	1.023	-1.579
210	321	.008	.171	.805	-.637
210	322	-.050	.133	.541	-.633
210	323	-.127	.135	.414	-.789
210	324	-.267	.142	.115	-1.123
210	325	-.282	.154	.147	-1.111
210	326	-.460	.186	.072	-1.248
210	327	-.590	.193	.214	-1.597
210	328	-.580	.185	.075	-1.422
210	329	-.176	.127	.403	-.747
210	330	.026	.132	.594	-.463
210	331	.285	.205	1.086	-.370
210	332	.387	.263	1.238	-1.105
210	333	.406	.232	1.187	-.415
210	334	.399	.188	1.076	-.097
210	335	.421	.211	1.169	-.159
210	336	.401	.201	1.054	-.201
210	337	.335	.224	1.204	-.896
210	338	.370	.224	1.476	-.615
210	339	.323	.233	1.369	-.315
210	340	.126	.226	1.176	-.540
210	341	-.045	.237	.855	-.815
210	342	-.717	.303	.235	-1.991
210	343	-.540	.401	.513	-2.616
210	344	-.122	.133	.339	-1.074
210	345	-.177	.105	.331	-.657
210	346	-.240	.107	.090	-.952
210	347	-.296	.175	.258	-1.242
210	348	-.305	.184	.275	-1.094
210	349	-.502	.223	.232	-1.517
210	350	-.640	.170	-.155	-1.625
210	351	-.618	.185	-.124	-1.775
210	352	-.156	.115	.465	-.717
210	353	.054	.134	.827	-.378
210	354	.296	.164	1.204	-.329
210	355	.380	.209	1.195	-.357
210	356	.390	.179	1.263	-.374
210	357	.445	.187	1.222	-.163

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	358	.471	.177	1.250	.101
210	359	.452	.193	1.340	-.006
210	360	.362	.193	1.127	-.567
210	361	.101	.321	1.286	-1.451
210	362	.068	.142	.820	-.512
210	363	-.136	.119	.471	-.614
210	364	-.246	.118	.162	-.786
210	365	-.400	.163	-.029	-1.212
210	366	-.416	.151	-.059	-1.161
210	367	-.379	.154	.093	-1.277
210	368	-.283	.112	.013	-.892
210	369	-.273	.107	.081	-.977
210	370	-.280	.112	.035	-1.161
210	371	-.276	.144	.126	-1.296
210	372	-.442	.206	.199	-1.818
210	373	-.629	.201	-.052	-1.730
210	374	-.639	.181	-.200	-2.006
210	375	-.195	.111	.226	-.723
210	376	.031	.113	.605	-.418
210	377	.231	.147	1.025	-.292
210	378	.287	.149	1.006	-.182
210	379	.281	.158	1.062	-.950
210	380	.336	.131	1.122	-.211
210	381	.363	.141	1.020	.025
210	382	.334	.126	.907	-.010
210	383	.255	.163	.871	-.264
210	384	.094	.227	.985	-.776
210	385	.056	.138	.724	-.523
210	386	-.107	.093	.434	-.461
210	387	-.207	.093	.280	-.632
210	388	-.311	.110	-.036	-1.140
210	389	-.323	.118	-.006	-1.087
210	390	-.329	.104	.056	-.951
210	391	-.282	.101	.056	-.872
210	392	-.269	.098	.013	-.840
210	393	.139	.162	.806	-.544
210	394	.381	.163	1.333	-.233
210	395	.383	.179	1.474	-.031
210	396	.388	.175	1.317	-.013
210	397	.142	.159	.854	-.395
210	398	-.241	.082	.063	-.701
210	399	-.233	.108	.198	-.756
210	400	-.305	.172	.344	-1.067
210	401	-.531	.181	.015	-1.425
210	402	-.558	.161	-.130	-1.313
210	403	-.220	.100	.169	-.627
210	404	-.041	.105	.518	-.395
210	405	.094	.131	.808	-.283
210	406	-.013	.195	.825	-1.052
210	407	-.025	.218	.954	-.855

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	408	-.022	.193	.841	-1.038
210	409	.035	.149	.806	-.532
210	410	-.085	.107	.524	-.497
210	411	-.203	.114	.395	-.738
210	412	-.415	.131	-.020	-1.057
210	413	-.412	.155	.092	-1.334
210	414	-.288	.115	.180	-.908
210	415	-.223	.090	.118	-.907
210	416	-.207	.073	.025	-.675
210	417	-.217	.084	.104	-.784
210	418	-.100	.075	.265	-.466
210	419	.051	.114	.987	-.292
210	420	.058	.124	.966	-.364
210	421	-.079	.105	.726	-.455
210	422	-.176	.086	.277	-.591
210	423	-.230	.073	.033	-.693
210	424	-.194	.068	.020	-.541
210	425	-.237	.114	.116	-1.122
210	426	-.363	.118	.002	-1.169
210	427	-.389	.139	-.005	-1.418
210	428	-.176	.068	.145	-.545
210	429	-.112	.072	.158	-.416
210	430	-.040	.070	.267	-.313
210	431	-.025	.080	.405	-.332
210	432	-.029	.069	.400	-.270
210	433	-.004	.082	.491	-.371
210	434	-.015	.077	.446	-.393
210	435	-.066	.093	.497	-.521
210	436	-.107	.089	.275	-.564
210	437	-.275	.157	.272	-1.085
210	438	-.239	.146	.166	-1.012
210	439	-.143	.094	.304	-.693
210	440	-.155	.056	.145	-.402
210	441	-.168	.055	.102	-.451
210	442	-.037	.064	.326	-.280
210	443	-.049	.068	.266	-.323
210	444	-.027	.066	.282	-.291
210	445	-.044	.065	.237	-.290
210	446	-.042	.062	.216	-.363
210	447	-.245	.063	-.008	-.563
210	448	-.166	.057	.058	-.444
210	449	-.148	.069	.055	-.638
210	450	-.239	.095	.055	-.955
210	451	-.288	.113	.024	-.953
210	452	-.150	.066	.107	-.485
210	453	-.116	.062	.137	-.355
210	454	-.105	.051	.209	-.321
210	455	-.102	.062	.187	-.509
210	456	-.046	.056	.165	-.394
210	457	-.006	.062	.314	-.359

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	458	-.004	.055	.380	-.247
210	459	-.032	.062	.258	-.336
210	460	-.042	.057	.205	-.367
210	461	-.048	.058	.223	-.352
210	462	-.051	.052	.168	-.360
210	463	-.056	.068	.294	-.379
210	464	-.042	.077	.310	-.559
210	465	-.119	.121	.365	-.724
210	466	-.109	.104	.362	-.565
210	467	-.102	.102	.477	-.484
210	468	-.128	.084	.393	-.409
210	469	-.166	.062	.177	-.432
210	470	-.193	.050	.008	-.448
210	471	-.171	.063	.249	-.420
210	472	-.169	.052	.123	-.449
210	473	-.132	.048	-.084	-.359
210	474	-.166	.043	-.003	-.294
210	475	-.156	.067	.230	-.348
210	476	-.156	.055	.121	-.331
210	477	-.144	.048	.060	-.304
210	478	-.133	.043	.021	-.283
210	479	-.119	.052	.056	-.307
210	480	-.119	.071	.132	-.548
210	481	-.134	.070	.102	-.623
210	482	-.085	.050	.116	-.278
210	483	-.069	.056	.185	-.289
210	484	-.018	.058	.255	-.221
210	485	-.035	.068	.463	-.301
210	486	-.007	.054	.457	-.161
210	487	.007	.061	.498	-.182
210	488	.031	.058	.480	-.145
210	489	.025	.063	.407	-.129
210	490	.003	.053	.227	-.150
210	491	-.028	.059	.269	-.456
210	492	-.000	.054	.214	-.172
210	493	-.035	.054	.204	-.228
210	494	-.065	.050	.132	-.256
210	495	-.102	.071	.255	-.509
210	496	-.065	.073	.371	-.333
210	497	-.066	.071	.378	-.270
210	498	-.137	.053	.154	-.303
210	499	-.183	.053	.049	-.413
210	801	-.255	.044	-.092	-.436
210	802	-.217	.042	-.075	-.357
210	803	-.207	.043	-.053	-.377
210	804	-.186	.040	-.045	-.358
210	805	-.076	.068	.251	-.323
210	806	-.036	.059	.255	-.248
210	807	-.050	.063	.201	-.270
210	808	-.046	.055	.242	-.222

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	901	-.276	.119	.234	-.809
210	902	.048	.127	.511	-.408
210	903	-.232	.111	.143	-.898
210	904	-.346	.143	.147	-1.071
210	905	-.004	.123	.416	-.481
210	906	-.058	.101	.263	-.607
210	907	-.323	.119	.175	-.786
210	908	-.123	.088	.156	-.522
210	909	-.256	.135	.308	-.999
210	910	-.417	.130	.170	-1.006
210	911	-.107	.125	.260	-.576
210	912	-.255	.042	-.097	-.406
210	913	-.213	.041	-.068	-.360
210	914	-.206	.042	-.046	-.355
210	915	-.195	.039	-.057	-.331
210	916	-.589	.203	.386	-1.360
210	917	-.423	.141	.080	-1.396
210	918	-.361	.242	.427	-1.233
210	919	-.595	.229	.160	-1.741
210	920	-.419	.149	.172	-1.264
210	921	-.456	.166	.189	-1.187
210	922	-.254	.152	.252	-.859
210	923	-.462	.162	.178	-1.113
210	924	-.169	.129	.258	-1.043
210	925	-.499	.171	-.009	-1.403
210	926	-.326	.127	.113	-.937
210	927	.340	.172	1.212	-.055
210	928	.369	.173	1.289	-.094
210	929	.372	.175	1.271	-.033
210	930	.403	.167	1.277	.024
220	1	-.260	.049	-.097	-.451
220	2	-.151	.058	.079	-.359
220	3	-.236	.073	.008	-.565
220	4	-.285	.066	-.040	-.616
220	101	-.230	.088	.053	-.705
220	102	-.278	.079	-.016	-.745
220	103	-.284	.105	.136	-1.152
220	104	-.221	.106	.174	-.950
220	105	-.227	.105	.099	-.705
220	106	-.260	.073	-.036	-.579
220	107	-.264	.079	.008	-.568
220	108	-.198	.066	.022	-.468
220	109	-.212	.063	.046	-.487
220	110	-.277	.061	-.039	-.554
220	111	-.297	.076	.003	-.683
220	112	-.265	.085	.005	-.595
220	113	-.243	.078	.073	-.708
220	114	-.270	.064	-.069	-.666
220	115	-.289	.072	-.056	-.711
220	116	-.219	.063	-.005	-.573

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	117	-.221	.063	.017	-.490
220	118	-.277	.059	-.069	-.574
220	119	-.306	.087	-.020	-.831
220	120	-.242	.084	.074	-.857
220	121	-.261	.093	.007	-.795
220	122	-.337	.090	-.056	-.844
220	123	-.354	.108	-.033	-.943
220	124	-.215	.072	.022	-.546
220	125	-.216	.074	.031	-.640
220	126	-.269	.069	-.061	-.625
220	127	-.279	.081	-.040	-.696
220	128	-.219	.082	.017	-.688
220	129	-.214	.071	-.017	-.630
220	130	-.262	.060	-.074	-.607
220	131	-.268	.061	-.076	-.599
220	132	-.212	.054	-.032	-.443
220	133	-.221	.055	-.029	-.424
220	134	-.273	.049	-.084	-.445
220	135	-.275	.056	-.063	-.461
220	136	-.213	.053	-.005	-.402
220	137	-.211	.054	-.022	-.487
220	138	-.279	.051	-.135	-.529
220	139	-.280	.058	-.104	-.668
220	140	-.219	.058	-.034	-.603
220	141	-.223	.058	-.036	-.468
220	142	-.290	.062	-.107	-.577
220	143	-.297	.069	-.094	-.637
220	144	-.247	.076	-.017	-.735
220	145	-.273	.087	.005	-.700
220	146	-.332	.078	-.120	-.729
220	147	-.293	.091	.003	-.884
220	148	-.229	.090	.030	-.914
220	149	-.228	.082	-.036	-.776
220	150	-.279	.059	-.110	-.607
220	151	-.289	.071	-.109	-.780
220	152	-.210	.052	-.071	-.458
220	153	-.206	.047	-.034	-.419
220	154	-.259	.039	-.107	-.389
220	155	-.273	.044	-.099	-.413
220	156	-.212	.042	-.046	-.345
220	157	-.218	.043	-.082	-.385
220	158	-.266	.039	-.150	-.419
220	159	-.277	.046	-.140	-.459
220	160	-.207	.045	-.064	-.389
220	161	-.237	.047	-.082	-.436
220	162	-.277	.041	-.138	-.432
220	163	-.286	.052	-.104	-.550
220	164	-.225	.052	-.029	-.524
220	165	-.245	.068	-.032	-.562
220	166	-.302	.059	-.092	-.557

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	167	-.326	.081	-.079	-.698
220	168	-.284	.090	-.017	-.772
220	169	-.283	.087	.022	-.899
220	170	-.283	.075	-.044	-.803
220	171	-.280	.083	-.040	-.958
220	172	-.204	.061	-.032	-.629
220	173	-.195	.051	.004	-.448
220	174	-.170	.046	.019	-.431
220	175	-.171	.046	-.012	-.356
220	176	-.187	.042	-.035	-.321
220	177	-.193	.039	-.059	-.334
220	178	-.183	.034	-.078	-.306
220	179	-.196	.039	-.065	-.332
220	180	-.213	.036	-.090	-.346
220	181	-.199	.041	-.050	-.363
220	182	-.179	.038	-.045	-.323
220	183	-.184	.042	-.030	-.350
220	184	-.237	.047	-.078	-.450
220	185	-.219	.045	-.065	-.370
220	186	-.196	.044	-.043	-.354
220	187	-.205	.053	-.028	-.409
220	188	-.237	.063	-.042	-.484
220	189	-.245	.062	-.065	-.549
220	190	-.252	.067	-.026	-.596
220	191	-.283	.088	-.052	-.734
220	192	-.307	.086	-.092	-.751
220	193	-.222	.041	-.083	-.377
220	194	-.197	.036	-.078	-.332
220	195	-.200	.040	-.065	-.345
220	196	-.220	.038	-.092	-.366
220	197	-.226	.042	-.065	-.399
220	198	-.170	.053	.069	-.464
220	199	-.172	.057	.061	-.416
220	200	-.184	.047	-.012	-.343
220	201	-.189	.044	-.054	-.363
220	202	-.166	.039	-.052	-.323
220	203	-.166	.040	-.037	-.312
220	204	-.182	.039	-.065	-.325
220	205	-.187	.041	-.018	-.334
220	206	-.178	.037	-.034	-.319
220	207	-.202	.042	-.054	-.348
220	208	-.230	.042	-.092	-.398
220	209	-.232	.048	-.072	-.397
220	210	-.206	.046	-.043	-.378
220	211	-.215	.055	-.043	-.465
220	212	-.241	.059	-.071	-.518
220	213	-.247	.064	-.027	-.590
220	214	-.274	.070	-.001	-.610
220	215	-.322	.089	-.045	-.921
220	216	-.344	.082	-.096	-.824

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	217	-.181	.039	-.050	-.332
220	218	-.152	.034	-.032	-.277
220	219	-.179	.040	-.039	-.312
220	220	-.235	.041	-.110	-.409
220	221	-.243	.050	-.083	-.437
220	222	-.218	.044	-.081	-.422
220	223	-.166	.048	.001	-.456
220	224	-.184	.043	-.028	-.373
220	225	-.183	.045	-.016	-.343
220	226	-.161	.038	-.021	-.292
220	227	-.169	.043	-.010	-.376
220	228	-.178	.039	-.031	-.339
220	229	-.178	.040	-.021	-.310
220	230	-.157	.035	-.028	-.281
220	231	-.179	.040	-.030	-.326
220	232	-.232	.043	-.078	-.405
220	233	-.233	.047	-.063	-.406
220	234	-.204	.041	-.050	-.369
220	235	-.215	.048	-.048	-.392
220	236	-.237	.046	-.080	-.411
220	237	-.232	.050	-.072	-.500
220	238	-.206	.047	-.052	-.488
220	239	-.259	.071	-.037	-.610
220	240	-.336	.077	-.128	-.763
220	241	-.336	.079	-.077	-.742
220	242	-.181	.036	-.061	-.301
220	243	-.179	.040	-.032	-.310
220	244	-.196	.040	-.049	-.328
220	245	-.196	.042	-.043	-.321
220	246	-.191	.039	-.052	-.312
220	247	-.211	.044	-.078	-.387
220	248	-.179	.044	-.035	-.484
220	249	-.179	.041	-.040	-.371
220	250	-.187	.037	-.066	-.314
220	251	-.214	.042	-.081	-.424
220	252	-.180	.039	-.060	-.314
220	253	-.179	.040	-.045	-.337
220	254	-.183	.036	-.064	-.312
220	255	-.218	.042	-.085	-.397
220	256	-.202	.042	-.062	-.399
220	257	-.202	.040	-.048	-.351
220	258	-.197	.036	-.051	-.329
220	259	-.230	.041	-.066	-.385
220	260	-.214	.042	-.072	-.387
220	261	-.216	.043	-.079	-.351
220	262	-.227	.038	-.100	-.365
220	263	-.259	.045	-.112	-.473
220	264	-.228	.043	-.086	-.399
220	265	-.222	.045	-.072	-.399
220	266	-.220	.043	-.080	-.413

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	267	-.275	.067	-.063	-.581
220	268	-.335	.077	-.091	-.723
220	269	-.335	.072	-.119	-.636
220	270	-.180	.037	-.032	-.324
220	271	-.303	.080	-.031	-.689
220	272	-.339	.095	-.023	-.873
220	273	-.176	.044	-.021	-.327
220	274	-.181	.041	-.039	-.338
220	275	-.319	.065	-.041	-.569
220	276	-.297	.061	-.043	-.573
220	277	-.177	.044	-.040	-.349
220	278	-.181	.041	-.054	-.341
220	279	-.208	.046	-.034	-.444
220	280	-.180	.044	-.002	-.348
220	281	-.183	.043	-.060	-.394
220	282	-.177	.035	-.066	-.302
220	283	-.201	.039	-.078	-.336
220	284	-.168	.037	-.055	-.297
220	285	-.169	.040	-.043	-.289
220	286	-.164	.039	-.001	-.293
220	287	-.220	.042	-.085	-.360
220	288	-.184	.039	-.060	-.309
220	289	-.200	.040	-.055	-.354
220	290	-.208	.036	-.066	-.338
220	291	-.232	.041	-.066	-.397
220	292	-.213	.044	-.048	-.401
220	293	-.226	.046	-.081	-.433
220	294	-.230	.041	-.092	-.389
220	295	-.240	.042	-.105	-.380
220	296	-.197	.040	-.062	-.331
220	297	-.212	.047	-.074	-.406
220	298	-.286	.057	-.092	-.560
220	299	-.326	.060	-.117	-.637
220	301	-.221	.095	.160	-.870
220	302	-.209	.098	.209	-.749
220	303	-.233	.163	.556	-1.090
220	304	-.355	.214	.515	-1.527
220	305	-.393	.233	.955	-1.498
220	306	-.194	.157	.823	-.772
220	307	-.112	.168	.943	-.730
220	308	-.071	.171	.883	-.645
220	309	-.092	.222	.808	-1.178
220	310	-.090	.169	.660	-.852
220	311	-.134	.164	.552	-.714
220	312	-.214	.139	.424	-.862
220	313	-.152	.165	.568	-.791
220	314	-.217	.169	.470	-.991
220	315	.033	.227	1.219	-.627
220	316	.143	.277	1.131	-.672
220	317	.152	.297	1.357	-.721

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	318	.103	.260	1.093	-.613
220	319	-.409	.292	.679	-2.400
220	320	-.171	.200	.523	-1.006
220	321	-.111	.146	.520	-.745
220	322	-.126	.108	.314	-.573
220	323	-.154	.100	.216	-.622
220	324	-.217	.090	.178	-1.226
220	325	-.199	.102	.182	-.793
220	326	-.263	.160	.392	-1.216
220	327	-.366	.205	.690	-1.340
220	328	-.378	.191	.643	-1.405
220	329	-.186	.120	.448	-.703
220	330	-.110	.103	.450	-.430
220	331	-.000	.144	.758	-.464
220	332	-.011	.223	.863	-1.181
220	333	.103	.211	1.128	-.655
220	334	.134	.193	1.022	-.287
220	335	.159	.217	1.164	-.322
220	336	.119	.197	1.033	-.399
220	337	.009	.191	.896	-.842
220	338	.143	.195	.941	-.361
220	339	.232	.261	1.256	-.423
220	340	.181	.261	1.131	-.547
220	341	.074	.247	1.001	-.727
220	342	-.490	.274	.457	-1.804
220	343	-.274	.291	.589	-2.134
220	344	-.100	.116	.333	-.731
220	345	-.141	.086	.164	-.556
220	346	-.194	.063	.039	-.506
220	347	-.241	.105	.177	-1.046
220	348	-.227	.119	.251	-.980
220	349	-.304	.174	.237	-1.327
220	350	-.428	.142	.012	-1.426
220	351	-.410	.150	.071	-1.423
220	352	-.201	.094	.151	-.667
220	353	-.100	.107	.415	-.657
220	354	.026	.129	.589	-.368
220	355	.056	.225	.910	-1.224
220	356	.181	.180	1.091	-.545
220	357	.253	.163	1.085	-.174
220	358	.269	.149	1.002	-.115
220	359	.243	.161	1.068	-.363
220	360	.184	.179	1.106	-.556
220	361	.188	.178	1.025	-.475
220	362	.141	.147	1.058	-.327
220	363	-.023	.154	.703	-.561
220	364	-.161	.147	.572	-.718
220	365	-.583	.226	.125	-1.773
220	366	-.550	.206	.017	-1.732
220	367	-.300	.149	.084	-1.074

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	368	-.215	.081	.071	-.698
220	369	-.219	.076	.019	-.532
220	370	-.256	.079	.012	-.680
220	371	-.199	.106	.203	-.791
220	372	-.272	.181	.273	-1.401
220	373	-.488	.177	.088	-1.436
220	374	-.490	.145	-.066	-1.234
220	375	-.193	.111	.405	-.631
220	376	-.019	.105	.398	-.423
220	377	.164	.154	1.004	-.269
220	378	.206	.192	1.327	-.440
220	379	.271	.185	1.177	-.455
220	380	.331	.154	1.062	-.062
220	381	.346	.155	1.027	-.029
220	382	.310	.136	.840	-.055
220	383	.247	.177	.908	-.488
220	384	.246	.187	.855	-.844
220	385	.180	.179	.903	-.434
220	386	-.021	.131	.575	-.553
220	387	-.173	.135	.560	-.772
220	388	-.441	.176	-.034	-1.379
220	389	-.465	.184	-.001	-1.469
220	390	-.354	.132	.077	-.957
220	391	-.255	.110	.073	-.789
220	392	-.236	.100	.094	-.910
220	393	.132	.164	.952	-.441
220	394	.384	.164	1.153	-.024
220	395	.385	.184	1.309	-.066
220	396	.385	.178	1.239	-.038
220	397	.169	.151	.994	-.446
220	398	-.225	.072	.103	-.602
220	399	-.186	.094	.120	-.754
220	400	-.187	.161	.261	-1.059
220	401	-.385	.180	.092	-1.751
220	402	-.408	.149	-.038	-1.271
220	403	-.170	.097	.327	-.589
220	404	-.035	.098	.595	-.328
220	405	.069	.121	.556	-.453
220	406	.003	.168	.556	-1.248
220	407	-.003	.216	.871	-.836
220	408	.045	.202	.824	-.983
220	409	.110	.174	1.057	-.409
220	410	-.031	.136	.702	-.520
220	411	-.180	.143	.598	-.747
220	412	-.498	.172	-.093	-1.309
220	413	-.467	.177	.148	-1.287
220	414	-.316	.128	.084	-1.084
220	415	-.232	.109	.235	-.838
220	416	-.213	.092	.134	-.781
220	417	-.148	.091	.153	-.758

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	418	-.049	.074	.234	-.510
220	419	.084	.111	.595	-.476
220	420	.103	.121	.657	-.279
220	421	-.063	.121	.521	-.523
220	422	-.195	.099	.274	-.593
220	423	-.239	.072	.049	-.561
220	424	-.173	.063	.117	-.491
220	425	-.154	.113	.211	-.809
220	426	-.300	.136	.079	-1.152
220	427	-.329	.151	.021	-1.349
220	428	-.122	.073	.127	-.569
220	429	-.057	.069	.304	-.390
220	430	-.003	.071	.422	-.266
220	431	.009	.083	.515	-.278
220	432	.010	.073	.553	-.227
220	433	.038	.091	.719	-.399
220	434	.015	.082	.533	-.346
220	435	-.075	.093	.501	-.450
220	436	-.146	.083	.329	-.512
220	437	-.398	.138	-.020	-1.262
220	438	-.370	.126	-.010	-.980
220	439	-.212	.100	.214	-.949
220	440	-.166	.055	.110	-.554
220	441	-.171	.057	.071	-.525
220	442	-.008	.068	.342	-.351
220	443	.022	.072	.273	-.370
220	444	.001	.079	.320	-.201
220	445	-.013	.065	.363	-.234
220	446	-.011	.062	.255	-.268
220	447	-.249	.062	-.003	-.479
220	448	-.146	.056	.072	-.404
220	449	-.098	.068	.159	-.418
220	450	-.181	.088	.093	-.792
220	451	-.219	.099	.119	-.836
220	452	-.108	.065	.147	-.519
220	453	-.090	.062	.164	-.330
220	454	-.082	.055	.273	-.292
220	455	-.079	.069	.268	-.443
220	456	-.010	.053	.258	-.272
220	457	.033	.056	.307	-.238
220	458	.035	.050	.255	-.143
220	459	.007	.058	.271	-.222
220	460	-.010	.059	.245	-.317
220	461	-.012	.062	.256	-.249
220	462	-.025	.053	.163	-.287
220	463	-.063	.068	.232	-.415
220	464	-.087	.072	.181	-.381
220	465	-.322	.111	.316	-.712
220	466	-.277	.112	.109	-.742
220	467	-.172	.058	.183	-.493

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	468	-.161	.045	.072	-.351
220	469	-.174	.046	.013	-.317
220	470	-.198	.056	.019	-.404
220	471	-.189	.047	-.005	-.328
220	472	-.171	.044	-.009	-.306
220	473	-.141	.055	.065	-.321
220	474	-.185	.045	.010	-.326
220	475	-.182	.045	-.017	-.348
220	476	-.167	.042	-.014	-.304
220	477	-.158	.047	.051	-.332
220	478	-.135	.043	.006	-.280
220	479	-.090	.053	.116	-.275
220	480	-.073	.068	.197	-.442
220	481	-.091	.070	.132	-.577
220	482	-.041	.050	.260	-.198
220	483	-.028	.056	.365	-.201
220	484	.016	.059	.322	-.215
220	485	-.023	.067	.348	-.436
220	486	.017	.053	.321	-.131
220	487	.052	.066	.443	-.132
220	488	.075	.064	.406	-.109
220	489	.071	.064	.458	-.124
220	490	.035	.054	.269	-.125
220	491	-.013	.062	.266	-.376
220	492	-.023	.057	.297	-.186
220	493	-.034	.053	.188	-.299
220	494	-.085	.048	.120	-.282
220	495	-.174	.062	.059	-.479
220	496	-.135	.062	.102	-.415
220	497	-.097	.050	.108	-.281
220	498	-.154	.039	-.001	-.298
220	499	-.186	.043	-.012	-.337
220	801	-.239	.046	-.090	-.434
220	802	-.207	.044	-.062	-.391
220	803	-.195	.041	-.057	-.332
220	804	-.186	.037	-.073	-.312
220	805	-.031	.071	.282	-.325
220	806	.011	.062	.319	-.220
220	807	.002	.068	.278	-.281
220	808	.000	.058	.264	-.230
220	901	-.229	.095	.270	-.608
220	902	-.098	.128	.406	-.516
220	903	-.215	.088	.166	-.637
220	904	-.259	.110	.245	-.976
220	905	-.152	.117	.374	-.528
220	906	-.146	.119	.285	-.698
220	907	-.269	.103	.074	-.886
220	908	-.221	.113	.160	-.737
220	909	-.247	.129	.313	-.891
220	910	-.348	.134	.193	-.932
220	911	-.265	.136	.207	-.849
220	912	-.251	.042	-.098	-.387
220	913	-.221	.041	-.067	-.348
220	914	-.212	.044	-.050	-.397
220	915	-.205	.041	-.051	-.367
220	916	-.493	.213	.146	-1.428
220	917	-.396	.171	.247	-1.488
220	918	-.463	.203	.298	-1.412
220	919	-.506	.231	.432	-1.614
220	920	-.387	.179	.361	-1.551
220	921	-.385	.191	.328	-1.574
220	922	-.351	.139	.146	-.973
220	923	-.369	.164	.202	-1.145
220	924	-.293	.172	.277	-1.144
220	925	-.373	.155	.060	-1.277
220	926	-.286	.131	.156	-1.055
220	927	.251	.140	1.064	-.148
220	928	.281	.145	1.122	-.229
220	929	.272	.144	1.120	-.088
220	930	.292	.144	1.101	-.022
230	1	-.274	.050	-.108	-.451
230	2	-.163	.056	.087	-.353
230	3	-.276	.078	-.061	-.684
230	4	-.306	.066	-.090	-.591
230	101	-.235	.090	.098	-.727
230	102	-.264	.081	-.026	-.693
230	103	-.267	.097	.034	-.912
230	104	-.213	.084	.020	-.772
230	105	-.220	.084	.051	-.915
230	106	-.247	.061	-.026	-.713
230	107	-.256	.068	-.007	-.696
230	108	-.201	.061	.015	-.546
230	109	-.214	.067	.012	-.561
230	110	-.255	.066	-.048	-.602
230	111	-.275	.079	-.015	-.810
230	112	-.233	.073	.062	-.613
230	113	-.215	.062	.012	-.507
230	114	-.241	.052	-.021	-.501
230	115	-.264	.065	-.048	-.612
230	116	-.206	.060	-.015	-.566
230	117	-.218	.074	.010	-.644
230	118	-.261	.072	-.046	-.693
230	119	-.303	.120	.006	-1.054
230	120	-.255	.125	.059	-1.375
230	121	-.302	.136	.019	-1.054
230	122	-.421	.135	-.119	-1.257
230	123	-.456	.168	-.091	-1.776
230	124	-.222	.076	.049	-.588
230	125	-.223	.078	.054	-.715
230	126	-.255	.065	-.041	-.678
230	127	-.267	.071	-.045	-.846
230	128	-.217	.070	.003	-.755
230	129	-.215	.057	-.012	-.456
230	130	-.249	.049	-.054	-.453
230	131	-.256	.053	-.027	-.454
230	132	-.205	.050	.008	-.413
230	133	-.212	.055	-.032	-.478
230	134	-.246	.047	-.091	-.443
230	135	-.255	.055	-.078	-.465
230	136	-.202	.052	-.034	-.398
230	137	-.207	.051	-.046	-.427
230	138	-.258	.050	-.109	-.493
230	139	-.265	.061	-.088	-.526
230	140	-.218	.070	-.032	-.627
230	141	-.226	.078	-.002	-.793
230	142	-.276	.086	-.043	-.916
230	143	-.289	.101	.036	-.981
230	144	-.290	.126	.101	-.972
230	145	-.381	.140	.017	-1.056
230	146	-.425	.121	-.091	-1.093
230	147	-.275	.080	.031	-.874
230	148	-.215	.072	.106	-.743
230	149	-.212	.061	-.010	-.617
230	150	-.255	.048	-.074	-.511
230	151	-.268	.058	-.053	-.592
230	152	-.203	.045	-.017	-.381
230	153	-.204	.043	-.078	-.378
230	154	-.244	.037	-.134	-.367
230	155	-.258	.044	-.121	-.434
230	156	-.205	.042	-.076	-.389
230	157	-.213	.043	-.068	-.349
230	158	-.247	.039	-.114	-.372
230	159	-.260	.045	-.099	-.404
230	160	-.202	.043	-.066	-.342
230	161	-.221	.048	-.056	-.444
230	162	-.256	.044	-.086	-.435
230	163	-.267	.055	-.086	-.582
230	164	-.215	.054	-.066	-.539
230	165	-.217	.056	-.041	-.568
230	166	-.258	.052	-.011	-.529
230	167	-.296	.082	.023	-.869
230	168	-.304	.109	.012	-1.188
230	169	-.324	.114	-.054	-1.144
230	170	-.266	.069	.033	-.617
230	171	-.266	.073	.013	-.594
230	172	-.203	.055	-.002	-.406
230	173	-.204	.047	-.042	-.390
230	174	-.179	.043	-.042	-.342
230	175	-.174	.042	-.046	-.347
230	176	-.188	.039	-.061	-.345

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	177	-.194	.041	-.046	-.333
230	178	-.176	.037	-.042	-.295
230	179	-.189	.042	-.030	-.345
230	180	-.206	.039	-.068	-.345
230	181	-.197	.044	-.048	-.347
230	182	-.173	.040	-.033	-.310
230	183	-.180	.043	-.028	-.329
230	184	-.217	.047	-.050	-.416
230	185	-.212	.044	-.060	-.361
230	186	-.187	.041	-.046	-.340
230	187	-.196	.047	-.033	-.356
230	188	-.218	.050	-.040	-.439
230	189	-.218	.053	-.023	-.420
230	190	-.221	.059	-.001	-.476
230	191	-.272	.085	-.051	-.728
230	192	-.298	.082	-.105	-.723
230	193	-.214	.044	-.046	-.390
230	194	-.186	.039	-.042	-.346
230	195	-.191	.043	-.030	-.374
230	196	-.212	.042	-.059	-.386
230	197	-.217	.043	-.044	-.379
230	198	-.179	.052	-.008	-.476
230	199	-.182	.056	.021	-.421
230	200	-.196	.047	-.029	-.375
230	201	-.198	.047	-.021	-.399
230	202	-.174	.042	-.021	-.411
230	203	-.171	.044	-.001	-.354
230	204	-.187	.043	-.020	-.379
230	205	-.193	.040	-.051	-.322
230	206	-.176	.036	-.051	-.297
230	207	-.193	.042	-.037	-.372
230	208	-.220	.040	-.080	-.356
230	209	-.224	.043	-.076	-.418
230	210	-.198	.040	-.064	-.331
230	211	-.207	.047	-.046	-.389
230	212	-.234	.050	-.077	-.439
230	213	-.231	.054	-.039	-.452
230	214	-.238	.059	-.008	-.550
230	215	-.268	.079	-.028	-.715
230	216	-.286	.077	-.087	-.670
230	217	-.194	.039	-.060	-.331
230	218	-.167	.034	-.048	-.288
230	219	-.187	.040	-.053	-.315
230	220	-.225	.040	-.098	-.375
230	221	-.219	.046	-.051	-.418
230	222	-.196	.042	-.035	-.349
230	223	-.181	.048	-.021	-.398
230	224	-.199	.043	-.050	-.368
230	225	-.195	.043	-.051	-.383
230	226	-.172	.036	-.057	-.317

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	227	-.179	.041	-.053	-.338
230	228	-.193	.037	-.068	-.340
230	229	-.195	.042	-.055	-.333
230	230	-.172	.036	-.048	-.290
230	231	-.186	.041	-.028	-.327
230	232	-.216	.041	-.089	-.363
230	233	-.224	.044	-.092	-.409
230	234	-.196	.038	-.069	-.326
230	235	-.205	.044	-.053	-.381
230	236	-.226	.042	-.087	-.386
230	237	-.228	.049	-.067	-.409
230	238	-.204	.044	-.055	-.380
230	239	-.249	.063	-.060	-.560
230	240	-.308	.069	-.105	-.603
230	241	-.310	.072	-.073	-.600
230	242	-.184	.036	-.057	-.333
230	243	-.187	.040	-.046	-.347
230	244	-.204	.040	-.061	-.356
230	245	-.204	.039	-.071	-.345
230	246	-.190	.035	-.071	-.322
230	247	-.222	.042	-.082	-.366
230	248	-.195	.040	-.059	-.340
230	249	-.196	.042	-.058	-.349
230	250	-.202	.038	-.080	-.338
230	251	-.225	.043	-.082	-.374
230	252	-.197	.041	-.066	-.335
230	253	-.195	.041	-.061	-.349
230	254	-.200	.038	-.072	-.333
230	255	-.227	.043	-.074	-.374
230	256	-.208	.041	-.083	-.345
230	257	-.207	.038	-.080	-.342
230	258	-.207	.034	-.094	-.336
230	259	-.230	.039	-.092	-.364
230	260	-.214	.038	-.093	-.345
230	261	-.219	.041	-.085	-.359
230	262	-.224	.038	-.104	-.345
230	263	-.248	.044	-.089	-.419
230	264	-.223	.042	-.073	-.424
230	265	-.224	.045	-.066	-.390
230	266	-.228	.042	-.085	-.375
230	267	-.277	.058	-.099	-.488
230	268	-.315	.067	-.098	-.627
230	269	-.322	.064	-.127	-.578
230	270	-.198	.037	-.077	-.323
230	271	-.321	.072	-.097	-.640
230	272	-.340	.087	-.081	-.735
230	273	-.198	.043	-.044	-.368
230	274	-.202	.039	-.048	-.355
230	275	-.332	.062	-.087	-.551
230	276	-.308	.060	-.071	-.550

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	277	-.194	.043	-.029	-.342
230	278	-.200	.039	-.050	-.331
230	279	-.220	.044	-.047	-.389
230	280	-.199	.042	-.024	-.343
230	281	-.203	.043	-.073	-.390
230	282	-.203	.038	-.082	-.336
230	283	-.221	.042	-.084	-.371
230	284	-.194	.040	-.059	-.338
230	285	-.189	.041	-.036	-.324
230	286	-.190	.039	-.033	-.313
230	287	-.227	.041	-.074	-.384
230	288	-.199	.040	-.054	-.340
230	289	-.205	.041	-.073	-.368
230	290	-.216	.037	-.087	-.363
230	291	-.234	.042	-.089	-.399
230	292	-.214	.041	-.076	-.372
230	293	-.216	.044	-.083	-.359
230	294	-.228	.040	-.092	-.355
230	295	-.238	.044	-.104	-.386
230	296	-.210	.043	-.083	-.353
230	297	-.237	.049	-.068	-.449
230	298	-.297	.054	-.124	-.518
230	299	-.324	.061	-.129	-.546
230	301	-.182	.112	.279	-1.092
230	302	-.099	.111	.438	-.774
230	303	-.033	.158	.646	-.751
230	304	-.055	.199	.718	-.952
230	305	-.092	.243	.805	-1.150
230	306	.116	.257	1.241	-.572
230	307	.150	.298	1.481	-.669
230	308	.141	.291	1.243	-.645
230	309	.101	.269	1.013	-.893
230	310	-.102	.174	.425	-.921
230	311	-.078	.173	.668	-.680
230	312	-.132	.175	.655	-.697
230	313	-.056	.194	.861	-.636
230	314	.010	.224	.896	-.725
230	315	.091	.258	1.193	-.874
230	316	.043	.192	.831	-.674
230	317	-.055	.175	.892	-.583
230	318	-.162	.157	.716	-.682
230	319	-.604	.275	.302	-2.008
230	320	-.470	.239	.318	-1.446
230	321	-.271	.163	.243	-1.145
230	322	-.212	.096	.157	-.768
230	323	-.209	.095	.171	-.771
230	324	-.228	.101	.142	-.826
230	325	-.157	.112	.372	-.552
230	326	-.092	.123	.601	-.599
230	327	-.142	.212	.767	-1.593

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	328	-.211	.254	.772	-1.327
230	329	-.078	.170	.841	-.612
230	330	-.032	.155	.833	-.450
230	331	.049	.204	1.097	-.477
230	332	.060	.236	1.119	-.778
230	333	.073	.191	.857	-.741
230	334	.149	.168	.889	-.457
230	335	.214	.215	1.222	-.311
230	336	.163	.199	.986	-.458
230	337	.144	.245	1.232	-1.018
230	338	.165	.214	.952	-.977
230	339	.146	.187	.849	-.494
230	340	.001	.169	.785	-.584
230	341	-.138	.162	.926	-.710
230	342	-.547	.180	.267	-1.309
230	343	-.501	.235	.427	-1.488
230	344	-.291	.189	.352	-1.137
230	345	-.204	.097	.127	-.811
230	346	-.220	.071	.035	-.610
230	347	-.230	.087	.320	-.814
230	348	-.194	.085	.325	-.753
230	349	-.171	.100	.131	-.623
230	350	-.246	.107	.075	-.797
230	351	-.239	.118	.104	-.921
230	352	-.156	.090	.154	-.557
230	353	-.109	.090	.323	-.746
230	354	-.067	.090	.346	-.499
230	355	-.092	.171	.637	-.945
230	356	.048	.135	.675	-.483
230	357	.174	.133	.924	-.460
230	358	.199	.117	.774	-.136
230	359	.168	.134	.724	-.486
230	360	.095	.180	.799	-.837
230	361	.129	.182	.939	-.632
230	362	.107	.147	.862	-.578
230	363	-.032	.141	.622	-.608
230	364	-.161	.131	.431	-.672
230	365	-.554	.215	-.050	-1.701
230	366	-.529	.181	-.060	-1.566
230	367	-.342	.155	.224	-1.240
230	368	-.235	.099	.122	-.711
230	369	-.228	.096	.096	-1.085
230	370	-.217	.057	.010	-.423
230	371	-.163	.066	.097	-.441
230	372	-.142	.096	.169	-.553
230	373	-.247	.126	.102	-1.019
230	374	-.257	.102	.074	-.841
230	375	-.144	.082	.195	-.486
230	376	-.063	.081	.301	-.366
230	377	.024	.114	.730	-.345

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	378	.044	.159	.725	-.692
230	379	.116	.147	.746	-.600
230	380	.197	.121	.889	-.245
230	381	.226	.125	.929	-.142
230	382	.189	.108	.758	-.210
230	383	.142	.152	.770	-.662
230	384	.169	.155	.964	-.617
230	385	.122	.156	.929	-.393
230	386	-.047	.132	.809	-.475
230	387	-.200	.148	.630	-.829
230	388	-.533	.218	-.049	-2.020
230	389	-.522	.209	-.010	-1.712
230	390	-.359	.133	.040	-1.210
230	391	-.257	.104	.096	-.819
230	392	-.235	.090	.067	-.656
230	393	.077	.112	.640	-.438
230	394	.225	.114	.862	-.090
230	395	.230	.132	.986	-.111
230	396	.227	.125	.945	-.209
230	397	.138	.120	.953	-.283
230	398	-.222	.049	-.042	-.432
230	399	-.188	.055	.058	-.399
230	400	-.127	.083	.132	-.637
230	401	-.217	.129	.145	-.964
230	402	-.240	.104	.062	-.707
230	403	-.125	.080	.208	-.508
230	404	-.048	.072	.432	-.310
230	405	.017	.090	.415	-.431
230	406	.003	.111	.498	-.687
230	407	.025	.151	.589	-.696
230	408	.061	.140	.766	-.712
230	409	.054	.131	.881	-.386
230	410	-.070	.114	.517	-.384
230	411	-.209	.127	.377	-.677
230	412	-.528	.197	-.139	-1.867
230	413	-.485	.181	.037	-1.805
230	414	-.309	.108	.055	-.909
230	415	-.231	.084	.101	-.662
230	416	-.208	.070	.069	-.675
230	417	-.086	.073	.147	-.321
230	418	-.048	.054	.144	-.239
230	419	.018	.074	.372	-.235
230	420	.065	.087	.548	-.259
230	421	-.080	.109	.776	-.534
230	422	-.207	.091	.416	-.649
230	423	-.230	.060	-.039	-.421
230	424	-.169	.054	.002	-.342
230	425	-.098	.069	.138	-.527
230	426	-.134	.098	.115	-.646
230	427	-.153	.106	.145	-.706

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	428	-.079	.061	.147	-.390
230	429	-.060	.056	.154	-.278
230	430	-.033	.050	.197	-.201
230	431	-.019	.064	.258	-.252
230	432	.004	.067	.270	-.228
230	433	.035	.075	.382	-.269
230	434	.018	.065	.358	-.299
230	435	-.079	.075	.229	-.471
230	436	-.154	.069	.120	-.472
230	437	-.409	.115	-.049	-1.033
230	438	-.398	.101	-.056	-.950
230	439	-.240	.085	.055	-.759
230	440	-.185	.048	.123	-.383
230	441	-.187	.050	-.003	-.414
230	442	-.018	.057	.296	-.229
230	443	-.025	.062	.323	-.276
230	444	-.003	.060	.343	-.172
230	445	-.013	.064	.281	-.209
230	446	-.019	.065	.264	-.232
230	447	-.245	.058	.040	-.463
230	448	-.161	.060	.086	-.366
230	449	-.092	.060	.162	-.289
230	450	-.130	.068	.102	-.421
230	451	-.153	.077	.111	-.519
230	452	-.086	.056	.130	-.283
230	453	-.080	.050	.129	-.256
230	454	-.087	.043	.061	-.238
230	455	-.098	.060	.176	-.404
230	456	-.030	.047	.183	-.201
230	457	.011	.054	.221	-.158
230	458	.013	.051	.231	-.142
230	459	-.015	.054	.221	-.180
230	460	-.035	.062	.196	-.316
230	461	-.018	.058	.238	-.219
230	462	-.026	.052	.162	-.198
230	463	-.059	.062	.201	-.317
230	464	-.083	.065	.307	-.371
230	465	-.340	.122	.085	-.873
230	466	-.259	.114	.032	-.713
230	467	-.173	.050	.006	-.382
230	468	-.167	.042	-.027	-.343
230	469	-.182	.041	-.037	-.307
230	470	-.209	.055	.037	-.428
230	471	-.196	.045	-.017	-.328
230	472	-.179	.041	-.018	-.312
230	473	-.149	.057	.109	-.328
230	474	-.196	.043	.008	-.334
230	475	-.201	.042	-.052	-.342
230	476	-.180	.039	-.027	-.309
230	477	-.167	.041	-.024	-.309

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	478	-.149	.038	-.032	-.271
230	479	-.099	.045	.042	-.250
230	480	-.067	.051	.075	-.325
230	481	-.074	.052	.096	-.333
230	482	-.054	.042	.093	-.207
230	483	-.050	.046	.129	-.207
230	484	-.017	.047	.146	-.214
230	485	-.040	.055	.210	-.313
230	486	-.017	.044	.171	-.153
230	487	.030	.063	.318	-.142
230	488	.057	.062	.342	-.115
230	489	.052	.061	.416	-.103
230	490	.002	.047	.224	-.137
230	491	-.030	.055	.190	-.194
230	492	.005	.054	.223	-.210
230	493	-.056	.050	.151	-.230
230	494	-.108	.046	.095	-.262
230	495	-.199	.060	.250	-.449
230	496	-.156	.059	.190	-.393
230	497	-.128	.049	.065	-.296
230	498	-.177	.039	.001	-.311
230	499	-.202	.042	-.005	-.348
230	801	-.236	.040	-.084	-.366
230	802	-.209	.038	-.061	-.335
230	803	-.206	.039	-.066	-.334
230	804	-.207	.035	-.082	-.326
230	805	-.044	.072	.244	-.360
230	806	.001	.057	.236	-.214
230	807	-.002	.060	.234	-.267
230	808	-.010	.055	.200	-.189
230	901	-.119	.115	.362	-.446
230	902	-.165	.106	.310	-.626
230	903	-.104	.086	.282	-.361
230	904	-.101	.114	.432	-.393
230	905	-.208	.095	.159	-.636
230	906	-.168	.107	.317	-.587
230	907	-.155	.077	.113	-.443
230	908	-.244	.110	.140	-.909
230	909	-.214	.127	.258	-.813
230	910	-.226	.139	.297	-.694
230	911	-.254	.099	.126	-.731
230	912	-.235	.043	-.094	-.391
230	913	-.209	.042	-.076	-.360
230	914	-.205	.039	-.046	-.327
230	915	-.203	.036	-.062	-.321
230	916	-.463	.156	.102	-1.188
230	917	-.462	.187	.130	-1.750
230	918	-.423	.152	.152	-1.143
230	919	-.504	.192	.242	-1.434
230	920	-.415	.254	.448	-1.753
230	921	-.349	.222	.342	-1.538
230	922	-.349	.127	.162	-.879
230	923	-.217	.127	.242	-.892
230	924	-.257	.136	.240	-.886
230	925	-.398	.150	.061	-1.450
230	926	-.277	.119	.051	-.929
230	927	.162	.104	.963	-.095
230	928	.193	.105	1.014	-.170
230	929	.197	.103	.805	-.092
230	930	.215	.102	.825	-.048
240	1	-.250	.057	-.066	-.473
240	2	-.137	.050	-.066	-.336
240	3	-.327	.077	-.116	-.711
240	4	-.271	.073	-.078	-.569
240	101	-.248	.089	.025	-.808
240	102	-.267	.076	-.008	-.698
240	103	-.278	.088	-.012	-.858
240	104	-.231	.080	.083	-.845
240	105	-.236	.078	.007	-.659
240	106	-.259	.061	-.062	-.659
240	107	-.269	.068	-.043	-.708
240	108	-.217	.064	.010	-.460
240	109	-.231	.071	.094	-.583
240	110	-.261	.068	-.006	-.616
240	111	-.283	.081	.037	-.675
240	112	-.247	.076	.030	-.540
240	113	-.221	.063	-.007	-.486
240	114	-.251	.054	-.062	-.575
240	115	-.279	.071	-.072	-.654
240	116	-.223	.067	-.035	-.538
240	117	-.240	.080	-.010	-.697
240	118	-.274	.073	-.077	-.670
240	119	-.283	.100	.029	-.932
240	120	-.229	.109	.108	-.950
240	121	-.270	.143	.059	-1.173
240	122	-.424	.157	-.051	-1.303
240	123	-.482	.199	-.095	-1.796
240	124	-.234	.079	.018	-.643
240	125	-.237	.085	.040	-.868
240	126	-.263	.067	-.059	-.621
240	127	-.280	.070	-.084	-.711
240	128	-.233	.079	-.045	-.728
240	129	-.234	.055	-.060	-.466
240	130	-.263	.047	-.113	-.473
240	131	-.274	.054	-.082	-.548
240	132	-.225	.052	-.055	-.515
240	133	-.233	.058	-.069	-.508
240	134	-.261	.051	-.097	-.455
240	135	-.274	.059	-.096	-.476
240	136	-.222	.056	-.045	-.408
240	137	-.229	.056	-.040	-.456
240	138	-.276	.060	-.085	-.613
240	139	-.287	.071	-.069	-.726
240	140	-.241	.078	-.035	-.810
240	141	-.246	.079	-.012	-.759
240	142	-.264	.071	-.041	-.792
240	143	-.268	.092	.044	-.840
240	144	-.258	.138	.183	-.993
240	145	-.399	.169	.025	-1.368
240	146	-.449	.139	-.105	-1.331
240	147	-.290	.096	.024	-.940
240	148	-.228	.083	.088	-.780
240	149	-.228	.065	.017	-.798
240	150	-.265	.049	-.090	-.544
240	151	-.283	.059	-.074	-.633
240	152	-.223	.050	-.035	-.488
240	153	-.224	.048	-.060	-.473
240	154	-.259	.044	-.100	-.511
240	155	-.279	.052	-.017	-.528
240	156	-.233	.055	-.015	-.620
240	157	-.230	.050	-.064	-.419
240	158	-.257	.045	-.108	-.429
240	159	-.275	.052	-.103	-.474
240	160	-.228	.055	-.057	-.443
240	161	-.243	.066	-.055	-.602
240	162	-.280	.063	-.095	-.708
240	163	-.302	.079	-.066	-.948
240	164	-.250	.076	-.032	-.928
240	165	-.230	.063	-.005	-.535
240	166	-.247	.057	-.051	-.511
240	167	-.254	.078	.019	-.724
240	168	-.270	.118	.113	-.928
240	169	-.310	.120	.082	-.853
240	170	-.280	.080	-.018	-.613
240	171	-.281	.083	.011	-.672
240	172	-.217	.060	.010	-.465
240	173	-.225	.054	-.044	-.517
240	174	-.199	.051	-.031	-.456
240	175	-.190	.047	-.013	-.456
240	176	-.202	.042	-.046	-.410
240	177	-.200	.045	-.021	-.395
240	178	-.180	.042	-.049	-.343
240	179	-.198	.050	-.049	-.438
240	180	-.210	.044	-.085	-.352
240	181	-.202	.043	-.058	-.402
240	182	-.177	.038	-.051	-.320
240	183	-.187	.046	-.042	-.411
240	184	-.220	.051	-.067	-.487
240	185	-.211	.051	-.033	-.443
240	186	-.184	.048	-.024	-.483

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	187	-.195	.054	-.010	-.490
240	188	-.220	.055	-.029	-.503
240	189	-.223	.054	-.044	-.480
240	190	-.216	.056	-.038	-.499
240	191	-.248	.074	-.022	-.613
240	192	-.270	.072	-.046	-.613
240	193	-.207	.043	-.042	-.383
240	194	-.174	.038	-.029	-.329
240	195	-.179	.042	-.022	-.342
240	196	-.200	.041	-.043	-.368
240	197	-.204	.040	-.063	-.342
240	198	-.205	.066	.021	-.529
240	199	-.206	.070	.051	-.522
240	200	-.222	.058	-.032	-.538
240	201	-.224	.051	-.035	-.430
240	202	-.201	.048	-.033	-.413
240	203	-.190	.046	-.022	-.335
240	204	-.203	.044	-.043	-.342
240	205	-.203	.045	-.040	-.340
240	206	-.179	.040	-.031	-.300
240	207	-.191	.045	.001	-.331
240	208	-.217	.044	-.030	-.356
240	209	-.218	.043	-.051	-.360
240	210	-.195	.039	-.056	-.329
240	211	-.208	.046	-.026	-.367
240	212	-.240	.050	-.081	-.439
240	213	-.238	.051	-.063	-.432
240	214	-.216	.050	-.040	-.456
240	215	-.226	.060	-.054	-.624
240	216	-.244	.056	-.081	-.618
240	217	-.223	.046	-.040	-.383
240	218	-.192	.039	-.019	-.316
240	219	-.198	.041	-.024	-.340
240	220	-.221	.039	-.081	-.361
240	221	-.224	.045	-.030	-.372
240	222	-.200	.041	-.031	-.339
240	223	-.209	.054	-.015	-.474
240	224	-.227	.049	-.039	-.496
240	225	-.228	.050	-.074	-.443
240	226	-.204	.043	-.076	-.363
240	227	-.213	.049	-.065	-.395
240	228	-.227	.044	-.093	-.375
240	229	-.223	.044	-.077	-.365
240	230	-.195	.038	-.065	-.329
240	231	-.202	.042	-.047	-.349
240	232	-.223	.040	-.085	-.366
240	233	-.222	.041	-.056	-.356
240	234	-.195	.037	-.049	-.305
240	235	-.206	.043	-.024	-.338
240	236	-.229	.042	-.043	-.366
240	237	-.240	.048	-.040	-.508
240	238	-.211	.041	-.060	-.402
240	239	-.228	.051	-.083	-.483
240	240	-.249	.050	-.106	-.524
240	241	-.243	.048	-.097	-.436
240	242	-.198	.037	-.074	-.323
240	243	-.204	.042	-.060	-.345
240	244	-.223	.042	-.083	-.366
240	245	-.224	.041	-.074	-.370
240	246	-.198	.036	-.062	-.323
240	247	-.239	.051	-.067	-.473
240	248	-.228	.047	-.053	-.419
240	249	-.202	.042	-.065	-.342
240	250	-.207	.038	-.084	-.346
240	251	-.231	.043	-.094	-.379
240	252	-.203	.040	-.078	-.351
240	253	-.201	.042	-.048	-.346
240	254	-.204	.038	-.055	-.336
240	255	-.232	.042	-.084	-.374
240	256	-.211	.042	-.073	-.368
240	257	-.205	.041	-.036	-.344
240	258	-.206	.038	-.052	-.326
240	259	-.230	.042	-.059	-.369
240	260	-.210	.042	-.043	-.353
240	261	-.213	.044	-.060	-.371
240	262	-.217	.040	-.084	-.355
240	263	-.245	.046	-.084	-.399
240	264	-.223	.046	-.073	-.368
240	265	-.233	.051	-.029	-.453
240	266	-.237	.046	-.052	-.421
240	267	-.284	.063	-.024	-.562
240	268	-.280	.070	-.083	-.523
240	269	-.286	.073	-.092	-.555
240	270	-.212	.046	-.008	-.377
240	271	-.316	.077	-.071	-.610
240	272	-.303	.088	-.053	-.753
240	273	-.207	.051	-.024	-.395
240	274	-.211	.047	-.042	-.402
240	275	-.330	.080	-.121	-.597
240	276	-.298	.078	-.070	-.591
240	277	-.204	.046	-.024	-.361
240	278	-.208	.041	-.040	-.355
240	279	-.227	.045	-.054	-.461
240	280	-.204	.044	-.046	-.346
240	281	-.204	.045	-.058	-.405
240	282	-.204	.039	-.074	-.341
240	283	-.224	.043	-.076	-.357
240	284	-.197	.042	-.048	-.321
240	285	-.199	.043	-.048	-.356
240	286	-.203	.039	-.067	-.346
240	287	-.230	.044	-.074	-.374
240	288	-.203	.042	-.056	-.343
240	289	-.203	.043	-.051	-.366
240	290	-.211	.040	-.069	-.365
240	291	-.234	.046	-.076	-.414
240	292	-.211	.045	-.058	-.380
240	293	-.213	.044	-.070	-.405
240	294	-.218	.041	-.086	-.395
240	295	-.254	.052	-.089	-.508
240	296	-.227	.050	-.068	-.414
240	297	-.250	.060	-.070	-.497
240	298	-.279	.069	-.096	-.558
240	299	-.304	.075	-.096	-.605
240	301	-.165	.107	.272	-.519
240	302	-.060	.108	.414	-.379
240	303	-.042	.174	.658	-.671
240	304	.002	.209	.871	-.823
240	305	-.000	.261	.854	-1.429
240	306	.155	.259	.983	-.590
240	307	.111	.302	1.159	-.725
240	308	.125	.267	1.125	-.574
240	309	.082	.276	1.107	-.913
240	310	-.030	.152	.632	-.561
240	311	-.124	.182	.843	-.649
240	312	-.110	.171	.844	-.674
240	313	-.034	.182	.706	-.641
240	314	.103	.214	.850	-.601
240	315	.266	.265	1.237	-.588
240	316	.231	.200	.992	-.448
240	317	.086	.175	.912	-.525
240	318	-.073	.132	.583	-.581
240	319	-.893	.329	-.220	-2.324
240	320	-.667	.242	.060	-1.680
240	321	-.361	.164	.111	-1.121
240	322	-.227	.093	.095	-.756
240	323	-.291	.098	.054	-.803
240	324	-.200	.107	.284	-.674
240	325	-.118	.112	.435	-.621
240	326	-.016	.120	.590	-.552
240	327	-.097	.199	.713	-1.025
240	328	-.079	.212	.725	-1.207
240	329	-.031	.158	.725	-.580
240	330	.006	.129	.644	-.406
240	331	-.015	.171	.913	-.652
240	332	.043	.227	.972	-1.081
240	333	.126	.194	1.205	-.444
240	334	.244	.183	.960	-.320
240	335	.293	.246	1.227	-.406
240	336	.241	.207	1.024	-.464
240	337	.187	.280	1.096	-1.044

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	338	.336	.218	1.181	-.426
240	339	.277	.209	1.161	-.532
240	340	.099	.147	.844	-.558
240	341	-.122	.123	.451	-.639
240	342	-.630	.184	-.147	-1.477
240	343	-.731	.228	-.140	-1.724
240	344	-.428	.177	.114	-1.355
240	345	-.253	.106	.124	-.829
240	346	-.228	.078	.098	-.678
240	347	-.224	.103	.219	-.805
240	348	-.136	.095	.263	-.798
240	349	-.112	.091	.192	-.833
240	350	-.135	.097	.098	-.691
240	351	-.205	.112	.092	-.839
240	352	-.109	.082	.142	-.587
240	353	-.081	.084	.297	-.485
240	354	-.037	.088	.417	-.583
240	355	-.176	.205	.812	-1.091
240	356	.058	.154	.789	-.434
240	357	.208	.162	.924	-.274
240	358	.261	.146	.900	-.107
240	359	.158	.176	.883	-.539
240	360	.108	.210	.841	-.882
240	361	.174	.224	1.073	-.582
240	362	.193	.183	1.010	-.451
240	363	-.035	.170	.611	-1.027
240	364	-.146	.141	.441	-1.038
240	365	-.576	.240	-.084	-1.938
240	366	-.533	.197	-.093	-1.453
240	367	-.468	.180	.151	-1.410
240	368	-.275	.121	.142	-.777
240	369	-.269	.122	.172	-.938
240	370	-.196	.052	-.012	-.412
240	371	-.224	.062	.016	-.458
240	372	-.114	.073	.167	-.475
240	373	-.171	.122	.167	-.959
240	374	-.187	.105	.140	-.816
240	375	-.113	.085	.181	-.480
240	376	-.058	.072	.195	-.423
240	377	-.012	.093	.436	-.551
240	378	-.047	.160	.622	-.894
240	379	.066	.139	.744	-.501
240	380	.184	.125	.725	-.263
240	381	.223	.142	.908	-.109
240	382	.173	.128	.762	-.507
240	383	.119	.182	.796	-.890
240	384	.171	.182	.894	-1.008
240	385	.144	.166	.736	-.478
240	386	-.023	.113	.429	-.533
240	387	-.175	.116	.293	-.778

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	388	-.476	.184	-.096	-1.552
240	389	-.459	.180	-.036	-1.507
240	390	-.367	.130	-.005	-1.072
240	391	-.277	.113	.169	-.940
240	392	-.258	.105	.150	-.862
240	393	.037	.117	.677	-.334
240	394	.234	.136	1.154	-.155
240	395	.242	.154	1.054	-.117
240	396	.235	.151	1.204	-.237
240	397	.120	.144	.806	-.461
240	398	-.206	.042	-.058	-.393
240	399	-.195	.049	-.005	-.387
240	400	-.141	.063	.092	-.378
240	401	-.156	.121	.200	-.834
240	402	-.185	.116	.135	-1.091
240	403	-.098	.085	.162	-.491
240	404	-.042	.074	.259	-.368
240	405	-.011	.078	.502	-.511
240	406	-.036	.101	.444	-.635
240	407	.001	.165	1.130	-.766
240	408	.066	.164	.803	-.590
240	409	.061	.140	.693	-.381
240	410	-.064	.104	.413	-.405
240	411	.199	.109	.412	-.625
240	412	-.459	.151	-.087	-1.186
240	413	-.467	.172	-.060	-1.389
240	414	-.342	.117	.018	-.958
240	415	-.256	.097	.076	-1.028
240	416	-.224	.084	.035	-.779
240	417	-.057	.079	.207	-.402
240	418	-.026	.057	.178	-.276
240	419	.002	.071	.577	-.320
240	420	.060	.113	.720	-.416
240	421	.079	.103	.438	-.603
240	422	.204	.083	.130	-.580
240	423	.217	.049	-.019	-.415
240	424	.186	.047	-.003	-.373
240	425	.133	.061	.061	-.402
240	426	.084	.075	.149	-.668
240	427	.102	.105	.174	-.725
240	428	.024	.063	.207	-.330
240	429	.017	.058	.240	-.268
240	430	.012	.047	.201	-.186
240	431	.021	.056	.374	-.258
240	432	.007	.060	.338	-.196
240	433	.023	.092	.580	-.279
240	434	.009	.089	.494	-.231
240	435	-.092	.094	.372	-.444
240	436	-.178	.078	.152	-.456
240	437	-.444	.129	-.114	-1.318

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	438	-.428	.111	-.105	-1.027
240	439	-.287	.095	-.022	-.890
240	440	-.214	.055	-.002	-.755
240	441	-.216	.058	-.034	-.598
240	442	-.015	.052	.299	-.264
240	443	-.019	.059	.362	-.227
240	444	.005	.059	.374	-.199
240	445	-.016	.058	.268	-.239
240	446	-.017	.060	.273	-.393
240	447	-.246	.051	-.072	-.415
240	448	-.169	.051	.033	-.335
240	449	-.082	.060	.186	-.278
240	450	-.027	.060	.203	-.306
240	451	-.033	.072	.239	-.463
240	452	-.009	.056	.199	-.252
240	453	.000	.053	.242	-.209
240	454	-.023	.043	.120	-.168
240	455	-.043	.049	.103	-.293
240	456	-.017	.047	.131	-.165
240	457	-.011	.045	.172	-.144
240	458	-.013	.042	.171	-.143
240	459	-.032	.046	.197	-.192
240	460	-.008	.060	.229	-.301
240	461	-.045	.058	.262	-.272
240	462	-.069	.054	.267	-.264
240	463	-.138	.066	.135	-.452
240	464	-.172	.065	.086	-.412
240	465	-.390	.102	-.115	-1.041
240	466	-.386	.091	-.111	-.885
240	467	-.262	.074	-.040	-.701
240	468	-.202	.051	-.034	-.462
240	469	-.209	.046	-.052	-.397
240	470	-.196	.046	-.031	-.354
240	471	-.232	.048	-.061	-.422
240	472	-.205	.045	-.068	-.372
240	473	-.120	.052	.076	-.285
240	474	-.168	.048	.022	-.326
240	475	-.226	.044	-.065	-.374
240	476	-.200	.043	-.057	-.347
240	477	-.154	.048	.047	-.341
240	478	-.140	.045	.051	-.296
240	479	-.062	.058	.172	-.266
240	480	.010	.060	.281	-.177
240	481	.006	.062	.300	-.198
240	482	-.027	.050	.166	-.198
240	483	-.030	.052	.149	-.194
240	484	-.001	.047	.163	-.152
240	485	.000	.047	.184	-.310
240	486	-.016	.042	.159	-.152
240	487	-.015	.052	.248	-.187

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	488	.016	.052	.260	-.154
240	489	-.002	.045	.170	-.135
240	490	-.043	.041	.127	-.166
240	491	-.088	.045	.087	-.229
240	492	-.049	.042	.109	-.181
240	493	-.099	.047	.085	-.242
240	494	-.164	.047	-.001	-.340
240	495	-.319	.077	-.042	-.682
240	496	-.281	.078	-.018	-.634
240	497	-.193	.055	-.027	-.446
240	498	-.209	.038	-.086	-.372
240	499	-.229	.041	-.100	-.443
240	801	-.236	.042	-.086	-.389
240	802	-.208	.041	-.070	-.358
240	803	-.208	.041	-.068	-.378
240	804	-.206	.037	-.084	-.351
240	805	-.048	.071	.266	-.408
240	806	-.017	.055	.210	-.249
240	807	-.020	.053	.211	-.251
240	808	-.030	.048	.184	-.200
240	901	-.109	.112	.376	-.435
240	902	-.118	.123	.415	-.588
240	903	-.100	.086	.253	-.386
240	904	-.075	.109	.434	-.429
240	905	-.206	.095	.224	-.618
240	906	-.121	.120	.323	-.516
240	907	-.142	.074	.148	-.454
240	908	-.224	.109	.149	-.882
240	909	-.259	.127	.165	-.797
240	910	-.201	.149	.327	-.747
240	911	-.203	.113	.214	-.603
240	912	-.240	.046	-.086	-.409
240	913	-.216	.046	-.056	-.390
240	914	-.213	.048	-.048	-.390
240	915	-.208	.042	-.055	-.351
240	916	-.601	.176	.030	-1.464
240	917	-.447	.191	.231	-1.232
240	918	-.554	.169	.109	-1.409
240	919	-.654	.193	.040	-1.366
240	920	-.508	.310	.355	-1.744
240	921	-.335	.218	.422	-1.455
240	922	-.426	.148	.192	-1.123
240	923	-.188	.121	.258	-.734
240	924	-.221	.144	.224	-1.188
240	925	-.469	.156	.025	-1.295
240	926	-.286	.114	.070	-.955
240	927	.145	.139	1.026	-.224
240	928	.184	.146	.845	-.238
240	929	.177	.131	.874	-.267
240	930	.217	.142	1.008	-.129

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	1	-.266	.060	-.090	-.525
250	2	-.127	.049	.028	-.306
250	3	-.328	.076	-.104	-.751
250	4	-.285	.082	-.016	-.735
250	101	-.275	.101	.019	-1.161
250	102	-.288	.086	-.025	-1.172
250	103	-.301	.098	.053	-1.170
250	104	-.259	.090	.086	-1.040
250	105	-.274	.094	.012	-.957
250	106	-.290	.072	-.045	-.648
250	107	-.306	.081	-.004	-.702
250	108	-.262	.076	-.027	-.699
250	109	-.273	.077	-.039	-.756
250	110	-.295	.070	-.065	-.653
250	111	-.327	.088	-.027	-.777
250	112	-.290	.082	-.012	-.625
250	113	-.261	.072	-.022	-.503
250	114	-.286	.063	-.095	-.579
250	115	-.315	.079	-.110	-.745
250	116	-.269	.080	-.039	-.640
250	117	-.264	.079	-.034	-.760
250	118	-.299	.078	-.093	-.868
250	119	-.267	.078	-.035	-.886
250	120	-.201	.077	.027	-.696
250	121	-.219	.099	.078	-1.118
250	122	-.307	.103	.022	-1.311
250	123	-.354	.136	.056	-1.714
250	124	-.256	.092	.022	-.844
250	125	-.257	.089	.073	-.707
250	126	-.276	.068	-.070	-.768
250	127	-.300	.075	-.093	-1.011
250	128	-.257	.076	-.054	-1.131
250	129	-.252	.062	-.027	-.615
250	130	-.272	.052	-.073	-.549
250	131	-.291	.060	-.052	-.591
250	132	-.253	.059	-.081	-.527
250	133	-.264	.063	-.029	-.547
250	134	-.284	.051	-.118	-.611
250	135	-.297	.059	-.105	-.526
250	136	-.252	.056	-.061	-.473
250	137	-.263	.060	-.049	-.634
250	138	-.302	.059	-.073	-.686
250	139	-.323	.076	-.120	-.984
250	140	-.278	.076	-.073	-.836
250	141	-.274	.077	-.036	-1.018
250	142	-.274	.057	-.088	-.601
250	143	-.273	.067	-.055	-.636
250	144	-.215	.078	.066	-.682
250	145	-.289	.124	.114	-1.040
250	146	-.348	.107	.012	-.970

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	147	-.312	.111	.031	-1.052
250	148	-.253	.096	.088	-.871
250	149	-.245	.075	-.019	-.773
250	150	-.275	.056	-.073	-.613
250	151	-.295	.067	-.052	-.697
250	152	-.248	.061	.000	-.559
250	153	-.253	.057	-.056	-.539
250	154	-.284	.053	-.100	-.529
250	155	-.313	.068	-.062	-.595
250	156	-.273	.074	.042	-.684
250	157	-.264	.058	-.080	-.607
250	158	-.282	.050	-.118	-.489
250	159	-.306	.059	-.115	-.672
250	160	-.279	.070	-.069	-.775
250	161	-.321	.097	-.010	-.918
250	162	-.347	.080	-.125	-.865
250	163	-.371	.092	-.120	-1.019
250	164	-.318	.086	-.064	-.885
250	165	-.245	.083	.187	-.586
250	166	-.215	.086	.199	-.561
250	167	-.169	.127	.481	-.692
250	168	-.153	.172	.814	-.947
250	169	-.228	.186	.556	-1.280
250	170	-.287	.084	-.028	-.770
250	171	-.294	.091	.006	-.969
250	172	-.236	.066	-.024	-.532
250	173	-.247	.056	-.084	-.507
250	174	-.219	.050	-.070	-.453
250	175	-.222	.054	-.045	-.528
250	176	-.236	.051	-.062	-.449
250	177	-.224	.055	-.042	-.482
250	178	-.206	.054	-.010	-.453
250	179	-.226	.073	.279	-.629
250	180	-.237	.056	-.072	-.440
250	181	-.233	.064	-.014	-.554
250	182	-.215	.059	-.022	-.533
250	183	-.243	.080	-.022	-.711
250	184	-.276	.094	-.034	-.763
250	185	-.282	.100	-.021	-.917
250	186	-.271	.101	-.001	-1.042
250	187	-.287	.111	-.029	-1.078
250	188	-.282	.083	-.001	-.724
250	189	-.263	.075	.168	-.565
250	190	-.251	.074	.010	-.535
250	191	-.324	.133	.063	-1.197
250	192	-.359	.135	.079	-1.117
250	193	-.225	.053	-.054	-.568
250	194	-.191	.044	-.067	-.358
250	195	-.197	.049	-.054	-.394
250	196	-.218	.047	-.090	-.402

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	197	-.229	.053	-.033	-.494
250	198	-.218	.062	-.015	-.581
250	199	-.223	.067	.003	-.569
250	200	-.239	.056	-.050	-.494
250	201	-.242	.054	-.058	-.489
250	202	-.216	.050	-.054	-.472
250	203	-.211	.049	-.040	-.430
250	204	-.223	.047	-.057	-.398
250	205	-.218	.050	-.061	-.387
250	206	-.191	.045	-.063	-.335
250	207	-.203	.052	-.001	-.378
250	208	-.222	.051	-.076	-.459
250	209	-.228	.051	-.084	-.537
250	210	-.207	.047	-.070	-.494
250	211	-.224	.056	-.065	-.592
250	212	-.260	.053	-.072	-.522
250	213	-.267	.059	-.054	-.517
250	214	-.241	.057	-.049	-.481
250	215	-.248	.064	-.077	-.535
250	216	-.265	.061	-.090	-.508
250	217	-.235	.049	-.075	-.419
250	218	-.201	.042	-.065	-.353
250	219	-.208	.045	-.058	-.350
250	220	-.228	.044	-.069	-.374
250	221	-.235	.045	-.091	-.399
250	222	-.214	.041	-.088	-.358
250	223	-.225	.057	-.056	-.464
250	224	-.241	.051	-.090	-.430
250	225	-.238	.051	-.068	-.429
250	226	-.212	.043	-.063	-.378
250	227	-.224	.049	-.063	-.433
250	228	-.237	.043	-.093	-.390
250	229	-.240	.046	-.070	-.415
250	230	-.209	.040	-.058	-.333
250	231	-.219	.044	-.054	-.371
250	232	-.240	.041	-.093	-.372
250	233	-.235	.044	-.082	-.378
250	234	-.208	.040	-.058	-.331
250	235	-.223	.046	-.065	-.375
250	236	-.248	.045	-.100	-.402
250	237	-.261	.054	-.102	-.526
250	238	-.228	.045	-.083	-.435
250	239	-.238	.051	-.081	-.474
250	240	-.255	.048	-.088	-.529
250	241	-.253	.054	-.086	-.498
250	242	-.210	.038	-.081	-.335
250	243	-.218	.043	-.072	-.355
250	244	-.238	.043	-.095	-.369
250	245	-.239	.041	-.091	-.378
250	246	-.211	.036	-.074	-.333

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	247	-.274	.056	-.083	-.510
250	248	-.249	.052	-.086	-.515
250	249	-.245	.047	-.091	-.406
250	250	-.252	.042	-.115	-.419
250	251	-.272	.047	-.113	-.467
250	252	-.243	.044	-.096	-.418
250	253	-.235	.042	-.103	-.392
250	254	-.240	.037	-.128	-.374
250	255	-.260	.042	-.133	-.414
250	256	-.234	.040	-.114	-.376
250	257	-.236	.041	-.088	-.397
250	258	-.242	.038	-.103	-.389
250	259	-.262	.042	-.110	-.422
250	260	-.239	.041	-.091	-.400
250	261	-.239	.042	-.071	-.401
250	262	-.247	.039	-.098	-.392
250	263	-.273	.047	-.103	-.442
250	264	-.252	.047	-.084	-.430
250	265	-.262	.053	-.103	-.525
250	266	-.267	.047	-.110	-.449
250	267	-.299	.061	-.123	-.573
250	268	-.275	.058	-.091	-.508
250	269	-.263	.053	-.101	-.510
250	270	-.258	.048	-.088	-.491
250	271	-.292	.058	-.110	-.601
250	272	-.269	.059	-.091	-.620
250	273	-.251	.053	-.079	-.483
250	274	-.258	.049	-.093	-.514
250	275	-.352	.086	-.085	-.860
250	276	-.312	.081	-.109	-.802
250	277	-.245	.056	-.049	-.473
250	278	-.248	.049	-.081	-.452
250	279	-.261	.051	-.100	-.475
250	280	-.236	.047	-.079	-.448
250	281	-.241	.047	-.096	-.397
250	282	-.244	.041	-.113	-.374
250	283	-.261	.045	-.118	-.409
250	284	-.233	.043	-.099	-.366
250	285	-.235	.041	-.098	-.387
250	286	-.238	.038	-.113	-.374
250	287	-.258	.042	-.120	-.417
250	288	-.232	.040	-.101	-.386
250	289	-.230	.043	-.042	-.369
250	290	-.239	.039	-.066	-.369
250	291	-.258	.046	-.057	-.430
250	292	-.234	.045	-.052	-.388
250	293	-.241	.045	-.069	-.404
250	294	-.250	.042	-.083	-.407
250	295	-.281	.054	-.085	-.500
250	296	-.255	.051	-.076	-.458

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	297	-.278	.061	-.054	-.586
250	298	-.305	.063	-.071	-.539
250	299	-.321	.069	-.065	-.573
250	301	-.209	.088	.259	-.546
250	302	-.170	.084	.348	-.483
250	303	-.225	.142	.544	-.723
250	304	-.178	.186	.863	-1.623
250	305	-.196	.204	.708	-1.188
250	306	-.077	.182	.996	-.638
250	307	-.111	.220	1.037	-.780
250	308	-.053	.215	.881	-.783
250	309	-.062	.274	1.053	-1.245
250	310	-.077	.167	.678	-.521
250	311	-.179	.176	.591	-.719
250	312	-.191	.160	.503	-.772
250	313	-.120	.175	.857	-.798
250	314	-.011	.238	.732	-.826
250	315	.179	.323	1.220	-.777
250	316	.193	.253	1.034	-.549
250	317	.069	.196	.848	-.663
250	318	-.078	.135	.501	-.546
250	319	-.851	.304	-.179	-2.272
250	320	-.641	.239	-.018	-1.658
250	321	-.405	.167	.088	-1.321
250	322	-.266	.099	.026	-.734
250	323	-.323	.109	.058	-.852
250	324	-.184	.086	.321	-.631
250	325	-.150	.084	.239	-.523
250	326	-.097	.087	.265	-.553
250	327	-.158	.143	.347	-1.087
250	328	-.121	.140	.396	-1.052
250	329	-.092	.118	.424	-.609
250	330	-.055	.101	.416	-.528
250	331	-.079	.147	.662	-.679
250	332	-.082	.248	.815	-1.434
250	333	.065	.191	.861	-.552
250	334	.196	.210	1.005	-.445
250	335	.212	.272	1.230	-.477
250	336	.181	.229	.947	-.519
250	337	.106	.289	1.179	-1.301
250	338	.296	.259	1.187	-.467
250	339	.270	.286	1.208	-.463
250	340	.104	.202	.749	-.642
250	341	-.118	.153	.428	-.764
250	342	-.684	.214	-.149	-1.698
250	343	-.768	.258	-.134	-1.918
250	344	-.458	.200	.105	-1.393
250	345	-.275	.115	.214	-.900
250	346	-.249	.087	.102	-.848
250	347	-.083	.158	.565	-.735

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	348	-.009	.135	.604	-.533
250	349	-.001	.124	.516	-.586
250	350	-.020	.110	.377	-.884
250	351	-.080	.123	.389	-.834
250	352	-.032	.096	.269	-.526
250	353	-.026	.090	.618	-.462
250	354	.019	.092	.586	-.411
250	355	-.092	.234	.739	-1.289
250	356	.126	.161	.970	-.362
250	357	.233	.186	.981	-.140
250	358	.284	.174	.949	-.075
250	359	.190	.192	1.047	-.247
250	360	.161	.206	1.018	-.699
250	361	.233	.225	1.447	-.410
250	362	.229	.193	1.057	-.371
250	363	-.016	.179	.626	-.751
250	364	-.148	.146	.323	-.851
250	365	-.664	.236	-.129	-1.971
250	366	-.631	.199	-.133	-1.749
250	367	-.514	.202	.070	-1.547
250	368	-.289	.135	.125	-1.102
250	369	-.292	.138	.221	-1.049
250	370	-.237	.084	.057	-.651
250	371	-.239	.095	.162	-.723
250	372	-.074	.106	.355	-.726
250	373	-.029	.127	.355	-1.361
250	374	-.031	.114	.318	-.674
250	375	-.020	.098	.291	-.423
250	376	.009	.079	.253	-.339
250	377	.026	.079	.369	-.350
250	378	.001	.122	.582	-.859
250	379	.053	.109	.744	-.538
250	380	.133	.121	.777	-.139
250	381	.200	.155	1.025	-.185
250	382	.148	.131	.640	-.576
250	383	.098	.179	.812	-.665
250	384	.158	.184	.871	-.475
250	385	.142	.181	.906	-.387
250	386	-.026	.130	.449	-.494
250	387	-.193	.134	.228	-.728
250	388	-.555	.206	-.130	-1.472
250	389	-.569	.205	-.101	-1.512
250	390	-.426	.141	-.010	-1.116
250	391	-.298	.117	.223	-.851
250	392	-.273	.104	.105	-.835
250	393	.033	.090	.562	-.408
250	394	.178	.142	1.267	-.099
250	395	.186	.166	1.458	-.122
250	396	.175	.157	1.313	-.212
250	397	.072	.129	.829	-.275
250	398	-.235	.051	-.043	-.452
250	399	-.237	.060	-.007	-.498
250	400	-.159	.086	.215	-.508
250	401	-.054	.127	.392	-.652
250	402	-.051	.135	.325	-.733
250	403	-.007	.100	.380	-.404
250	404	.022	.078	.305	-.316
250	405	.022	.073	.239	-.387
250	406	.004	.097	.339	-.875
250	407	-.018	.140	.733	-.977
250	408	.038	.140	.671	-.616
250	409	.028	.144	.797	-.373
250	410	-.088	.115	.381	-.518
250	411	-.221	.121	.199	-.794
250	412	-.486	.174	-.156	-1.495
250	413	-.489	.179	-.059	-1.542
250	414	-.351	.106	.013	-1.063
250	415	-.264	.090	.176	-.820
250	416	-.242	.076	.089	-.743
250	417	.005	.083	.329	-.382
250	418	.018	.057	.292	-.251
250	419	.012	.059	.338	-.336
250	420	.020	.090	.488	-.243
250	421	-.110	.115	.415	-.598
250	422	-.230	.092	.147	-.564
250	423	-.238	.053	-.068	-.437
250	424	-.217	.056	-.015	-.428
250	425	-.156	.087	.301	-.464
250	426	-.023	.101	.390	-.433
250	427	-.018	.130	.467	-.754
250	428	.016	.074	.253	-.290
250	429	.024	.060	.269	-.264
250	430	.020	.044	.173	-.141
250	431	.005	.052	.289	-.200
250	432	.006	.054	.359	-.210
250	433	-.011	.074	.418	-.333
250	434	-.037	.073	.378	-.281
250	435	-.134	.089	.383	-.482
250	436	-.209	.079	.098	-.471
250	437	-.438	.134	-.129	-1.287
250	438	-.430	.113	-.125	-1.128
250	439	-.327	.095	.033	-.775
250	440	-.239	.061	-.024	-.508
250	441	-.238	.067	.015	-.682
250	442	-.013	.046	.151	-.202
250	443	-.019	.052	.145	-.209
250	444	.012	.053	.187	-.175
250	445	-.002	.057	.236	-.233
250	446	.002	.064	.313	-.244
250	447	-.275	.057	-.003	-.472
250	448	-.189	.053	.011	-.393
250	449	-.074	.082	.246	-.358
250	450	.039	.081	.360	-.269
250	451	.039	.090	.383	-.343
250	452	.018	.071	.309	-.291
250	453	.017	.056	.277	-.224
250	454	-.012	.045	.195	-.175
250	455	-.032	.049	.187	-.228
250	456	-.005	.049	.189	-.203
250	457	-.010	.048	.212	-.152
250	458	-.012	.044	.179	-.154
250	459	-.031	.050	.190	-.194
250	460	.028	.064	.264	-.233
250	461	-.077	.063	.163	-.324
250	462	-.095	.051	.099	-.374
250	463	-.185	.062	.038	-.446
250	464	-.222	.063	-.007	-.504
250	465	-.382	.096	-.143	-.954
250	466	-.404	.084	-.150	-.758
250	467	-.351	.081	-.083	-.713
250	468	-.250	.064	-.036	-.612
250	469	-.249	.059	-.009	-.570
250	470	-.208	.048	-.029	-.422
250	471	-.289	.064	-.095	-.575
250	472	-.249	.060	-.070	-.490
250	473	-.108	.059	.120	-.311
250	474	-.150	.059	.058	-.378
250	475	-.285	.064	-.081	-.547
250	476	-.247	.061	-.075	-.556
250	477	-.144	.056	.069	-.333
250	478	-.113	.055	.102	-.285
250	479	.023	.084	.433	-.219
250	480	.105	.094	.566	-.120
250	481	.088	.089	.541	-.125
250	482	-.038	.069	.335	-.435
250	483	-.018	.059	.334	-.247
250	484	.014	.046	.198	-.163
250	485	.003	.047	.208	-.148
250	486	-.018	.043	.159	-.154
250	487	-.026	.048	.169	-.185
250	488	.006	.047	.196	-.138
250	489	.002	.047	.176	-.195
250	490	-.027	.058	.246	-.237
250	491	-.136	.055	.063	-.426
250	492	-.078	.046	.106	-.289
250	493	-.148	.045	.024	-.309
250	494	-.221	.044	-.077	-.381
250	495	-.348	.068	-.116	-.648
250	496	-.313	.067	-.095	-.605
250	497	-.282	.070	.015	-.559

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	498	-.259	.054	-.081	-.502
250	499	-.268	.058	-.056	-.559
250	801	-.262	.045	-.083	-.412
250	802	-.234	.043	-.064	-.373
250	803	-.235	.042	-.106	-.416
250	804	-.237	.038	-.123	-.392
250	805	-.010	.077	.259	-.338
250	806	-.009	.056	.244	-.221
250	807	-.002	.054	.241	-.432
250	808	-.018	.047	.211	-.191
250	901	-.198	.115	.384	-.542
250	902	-.203	.114	.456	-.820
250	903	-.192	.092	.143	-.579
250	904	-.154	.115	.323	-.504
250	905	-.271	.108	.219	-.747
250	906	-.186	.124	.342	-.758
250	907	-.204	.088	.102	-.547
250	908	-.280	.124	.181	-.814
250	909	-.269	.121	.266	-.795
250	910	-.281	.161	.286	-.925
250	911	-.277	.114	.259	-.792
250	912	-.247	.048	-.088	-.475
250	913	-.223	.048	-.052	-.443
250	914	-.224	.051	-.042	-.502
250	915	-.223	.046	-.048	-.452
250	916	-.561	.215	.073	-1.367
250	917	-.483	.196	.279	-1.550
250	918	-.507	.167	.037	-1.291
250	919	-.586	.218	.031	-1.548
250	920	-.504	.273	.497	-1.931
250	921	-.398	.200	.644	-1.385
250	922	-.442	.161	.059	-1.052
250	923	-.269	.144	.285	-.975
250	924	-.304	.150	.245	-.984
250	925	-.444	.154	.037	-1.427
250	926	-.338	.130	.056	-1.156
250	927	.114	.135	.920	-.299
250	928	.147	.147	1.029	-.366
250	929	.166	.150	1.341	-.139
250	930	.202	.172	1.482	-.118
260	1	-.304	.070	-.108	-.621
260	2	-.121	.060	.099	-.318
260	3	-.357	.097	.026	-.794
260	4	-.335	.102	-.108	-.756
260	101	-.299	.105	.027	-1.141
260	102	-.311	.087	-.035	-.894
260	103	-.322	.087	-.040	-.826
260	104	-.285	.079	-.017	-.854
260	105	-.284	.080	-.056	-.847
260	106	-.315	.074	-.095	-.667
260	107	-.333	.085	-.070	-.756
260	108	-.296	.083	-.039	-.665
260	109	-.332	.099	-.012	-.927
260	110	-.324	.070	-.015	-.635
260	111	-.341	.084	-.042	-.751
260	112	-.313	.077	-.044	-.670
260	113	-.293	.066	-.044	-.511
260	114	-.320	.060	-.120	-.637
260	115	-.347	.078	-.097	-.799
260	116	-.301	.081	-.032	-.780
260	117	-.306	.087	-.017	-1.063
260	118	-.332	.078	-.090	-.949
260	119	-.306	.081	.023	-.847
260	120	-.234	.084	.233	-.773
260	121	-.239	.097	.151	-.681
260	122	-.289	.092	.074	-.732
260	123	-.338	.129	.212	-1.450
260	124	-.278	.088	.030	-.726
260	125	-.279	.089	.017	-1.155
260	126	-.294	.065	-.090	-.742
260	127	-.315	.067	-.090	-.731
260	128	-.276	.067	-.051	-.658
260	129	-.288	.068	-.063	-.632
260	130	-.305	.055	-.117	-.526
260	131	-.333	.065	-.110	-.600
260	132	-.297	.063	-.083	-.564
260	133	-.307	.064	-.046	-.659
260	134	-.323	.053	-.125	-.662
260	135	-.335	.061	-.100	-.648
260	136	-.296	.059	-.069	-.596
260	137	-.305	.066	-.095	-.608
260	138	-.338	.065	-.150	-.692
260	139	-.352	.077	-.110	-.889
260	140	-.304	.076	-.069	-.734
260	141	-.308	.073	-.056	-.708
260	142	-.284	.060	-.048	-.610
260	143	-.268	.081	.056	-.658
260	144	-.178	.102	.265	-.562
260	145	-.196	.133	.345	-.708
260	146	-.256	.134	.303	-1.023
260	147	-.305	.097	.043	-.761
260	148	-.253	.086	.074	-.660
260	149	-.247	.063	-.034	-.508
260	150	-.266	.049	-.095	-.660
260	151	-.290	.059	-.060	-.683
260	152	-.264	.066	-.046	-.697
260	153	-.273	.063	-.039	-.579
260	154	-.307	.057	-.005	-.590
260	155	-.349	.072	-.087	-.736
260	156	-.315	.076	-.005	-.798
260	157	-.306	.061	-.066	-.550
260	158	-.312	.051	-.115	-.516
260	159	-.341	.062	-.100	-.600
260	160	-.301	.074	-.056	-.665
260	161	-.342	.101	-.071	-1.146
260	162	-.339	.074	-.140	-.886
260	163	-.351	.080	-.128	-.801
260	164	-.301	.076	-.083	-.744
260	165	-.236	.075	.019	-.659
260	166	-.182	.077	.124	-.478
260	167	-.092	.122	.506	-.530
260	168	-.017	.155	.680	-.859
260	169	-.089	.190	.586	-.995
260	170	-.283	.076	-.038	-.854
260	171	-.291	.083	.023	-.882
260	172	-.238	.065	.000	-.653
260	173	-.239	.061	-.037	-.561
260	174	-.216	.054	-.030	-.466
260	175	-.225	.061	.012	-.600
260	176	-.238	.055	-.047	-.509
260	177	-.249	.066	.011	-.624
260	178	-.244	.070	.086	-.649
260	179	-.266	.099	.218	-1.026
260	180	-.282	.063	-.075	-.548
260	181	-.254	.066	.049	-.484
260	182	-.247	.062	.023	-.602
260	183	-.285	.095	-.012	-.882
260	184	-.332	.114	.008	-.974
260	185	-.347	.138	.027	-1.271
260	186	-.338	.125	.034	-1.116
260	187	-.346	.132	-.019	-1.180
260	188	-.307	.092	-.017	-.776
260	189	-.267	.089	.161	-.631
260	190	-.239	.085	.155	-.573
260	191	-.393	.212	.310	-1.783
260	192	-.512	.230	.312	-1.615
260	193	-.242	.079	.281	-.829
260	194	-.218	.059	.001	-.430
260	195	-.215	.063	.084	-.463
260	196	-.248	.062	.003	-.502
260	197	-.265	.072	-.028	-.570
260	198	-.224	.069	-.001	-.596
260	199	-.226	.073	.003	-.573
260	200	-.236	.059	-.054	-.585
260	201	-.244	.056	-.089	-.547
260	202	-.222	.051	-.062	-.497
260	203	-.220	.050	-.073	-.450
260	204	-.231	.048	-.059	-.486
260	205	-.227	.050	-.046	-.445
260	206	-.208	.048	-.037	-.413

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	207	-.230	.059	-.006	-.510
260	208	-.252	.059	-.093	-.548
260	209	-.257	.076	-.028	-.765
260	210	-.250	.079	-.044	-.994
260	211	-.265	.092	.010	-1.131
260	212	-.272	.064	-.056	-.581
260	213	-.266	.068	-.053	-.554
260	214	-.257	.067	-.044	-.609
260	215	-.276	.082	-.039	-.990
260	216	-.291	.075	-.075	-.808
260	217	-.230	.048	-.064	-.445
260	218	-.201	.049	-.057	-.359
260	219	-.208	.044	-.048	-.367
260	220	-.232	.043	-.066	-.406
260	221	-.246	.055	.011	-.638
260	222	-.227	.050	-.004	-.430
260	223	-.231	.068	-.012	-.555
260	224	-.244	.058	-.054	-.523
260	225	-.234	.052	.004	-.536
260	226	-.210	.043	-.057	-.417
260	227	-.220	.049	-.053	-.427
260	228	-.231	.042	-.093	-.387
260	229	-.227	.046	-.078	-.391
260	230	-.200	.049	-.066	-.341
260	231	-.209	.044	-.039	-.367
260	232	-.228	.042	-.082	-.376
260	233	-.228	.044	-.073	-.391
260	234	-.203	.041	-.062	-.341
260	235	-.222	.047	-.046	-.389
260	236	-.250	.046	-.070	-.424
260	237	-.277	.056	-.107	-.513
260	238	-.245	.045	-.097	-.410
260	239	-.248	.049	-.077	-.535
260	240	-.260	.046	-.102	-.505
260	241	-.250	.052	-.087	-.475
260	242	-.201	.038	-.068	-.334
260	243	-.206	.043	-.055	-.355
260	244	-.224	.043	-.075	-.371
260	245	-.227	.044	-.062	-.395
260	246	-.204	.039	-.053	-.357
260	247	-.271	.061	-.059	-.623
260	248	-.241	.058	-.052	-.507
260	249	-.239	.049	-.078	-.496
260	250	-.249	.043	-.104	-.561
260	251	-.265	.050	-.109	-.623
260	252	-.233	.044	-.090	-.399
260	253	-.231	.043	-.085	-.387
260	254	-.241	.039	-.104	-.388
260	255	-.258	.043	-.109	-.427
260	256	-.234	.042	-.078	-.400
260	257	-.235	.041	-.090	-.370
260	258	-.243	.037	-.112	-.376
260	259	-.258	.042	-.116	-.402
260	260	-.239	.041	-.093	-.383
260	261	-.248	.047	-.085	-.406
260	262	-.262	.042	-.112	-.391
260	263	-.286	.050	-.099	-.459
260	264	-.267	.051	-.075	-.449
260	265	-.291	.068	-.065	-.623
260	266	-.299	.058	-.122	-.539
260	267	-.334	.079	-.104	-.675
260	268	-.304	.072	-.107	-.707
260	269	-.305	.066	-.100	-.650
260	270	-.261	.051	-.090	-.516
260	271	-.331	.074	-.121	-.702
260	272	-.313	.080	-.112	-.784
260	273	-.248	.056	-.051	-.513
260	274	-.259	.052	-.065	-.524
260	275	-.451	.100	-.181	-.861
260	276	-.414	.101	-.132	-.899
260	277	-.237	.055	-.056	-.552
260	278	-.245	.049	-.085	-.563
260	279	-.255	.053	-.084	-.638
260	280	-.228	.049	-.068	-.565
260	281	-.231	.048	-.073	-.450
260	282	-.240	.041	-.097	-.442
260	283	-.252	.044	-.091	-.481
260	284	-.226	.042	-.071	-.447
260	285	-.235	.044	-.112	-.392
260	286	-.247	.040	-.139	-.410
260	287	-.258	.044	-.139	-.424
260	288	-.231	.042	-.117	-.395
260	289	-.234	.045	-.070	-.382
260	290	-.252	.042	-.090	-.400
260	291	-.273	.049	-.082	-.459
260	292	-.245	.047	-.051	-.444
260	293	-.248	.047	-.104	-.411
260	294	-.260	.044	-.124	-.410
260	295	-.283	.055	-.106	-.603
260	296	-.261	.054	-.100	-.511
260	297	-.302	.073	-.073	-.611
260	298	-.398	.091	-.146	-.775
260	299	-.412	.101	-.129	-.846
260	301	-.188	.142	.657	-.623
260	302	-.161	.128	.689	-.525
260	303	-.249	.148	.725	-.846
260	304	-.218	.146	.696	-.823
260	305	-.211	.145	.618	-.749
260	306	-.202	.123	.570	-.953
260	307	-.246	.149	.775	-.865
260	308	-.188	.147	.636	-.837
260	309	-.187	.155	1.003	-.978
260	310	-.210	.106	.557	-.805
260	311	-.305	.135	.480	-.823
260	312	-.273	.130	.442	-.843
260	313	-.253	.130	.616	-.694
260	314	-.152	.159	.534	-.723
260	315	-.131	.225	.905	-.832
260	316	-.076	.215	.994	-.619
260	317	-.143	.191	.785	-.751
260	318	-.211	.137	.306	-.719
260	319	-.637	.261	-.041	-2.075
260	320	-.449	.162	-.037	-1.407
260	321	-.361	.137	.144	-1.168
260	322	-.287	.096	.047	-.860
260	323	-.341	.110	.019	-1.094
260	324	-.110	.140	.652	-.474
260	325	-.090	.133	.689	-.577
260	326	-.068	.096	.411	-.505
260	327	-.130	.105	.401	-.782
260	328	-.102	.102	.335	-.837
260	329	-.136	.115	.440	-.692
260	330	-.116	.104	.429	-.655
260	331	-.143	.136	.739	-.666
260	332	-.095	.161	.807	-1.257
260	333	-.086	.129	.607	-.522
260	334	-.052	.135	.762	-.338
260	335	-.051	.179	.986	-.412
260	336	-.054	.153	.733	-.411
260	337	-.050	.197	.879	-1.019
260	338	.005	.179	.989	-.477
260	339	-.034	.229	.996	-.663
260	340	-.099	.194	.756	-.624
260	341	-.222	.161	.430	-.792
260	342	-.586	.203	-.054	-1.634
260	343	-.627	.227	-.012	-2.049
260	344	-.364	.135	.063	-1.135
260	345	-.277	.097	.163	-.918
260	346	-.261	.079	.063	-.905
260	347	.064	.175	.874	-.521
260	348	.125	.156	.744	-.430
260	349	.093	.124	.687	-.376
260	350	.027	.075	.372	-.286
260	351	-.067	.088	.359	-.390
260	352	-.135	.150	.271	-.739
260	353	-.137	.147	.243	-.712
260	354	-.051	.106	.288	-.646
260	355	-.056	.129	.463	-1.001
260	356	.013	.104	.666	-.349
260	357	.051	.144	1.019	-.383

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	358	.113	.136	1.062	-.158
260	359	.016	.147	.965	-.618
260	360	.060	.178	.811	-.890
260	361	.075	.195	1.406	-.417
260	362	.084	.175	.985	-.361
260	363	-.109	.188	.630	-.742
260	364	-.201	.159	.381	-.804
260	365	-.628	.269	-.071	-2.473
260	366	-.589	.217	-.047	-1.659
260	367	-.473	.169	.033	-1.331
260	368	-.289	.115	.153	-.830
260	369	-.279	.111	.130	-.779
260	370	-.250	.120	.267	-.737
260	371	-.200	.131	.325	-.735
260	372	.044	.144	.751	-.492
260	373	.137	.158	.730	-.749
260	374	.110	.129	.660	-.569
260	375	-.084	.204	.452	-1.056
260	376	-.003	.129	.369	-.927
260	377	.030	.086	.415	-.499
260	378	.034	.092	.476	-.884
260	379	.038	.097	.574	-.292
260	380	.056	.114	.721	-.224
260	381	.127	.141	1.111	-.184
260	382	.072	.114	.650	-.245
260	383	.094	.187	.734	-.844
260	384	.074	.185	.908	-.397
260	385	.077	.202	1.043	-.482
260	386	-.071	.153	.575	-.518
260	387	-.228	.152	.408	-.883
260	388	-.570	.234	-.103	-1.933
260	389	-.578	.230	-.030	-1.620
260	390	-.429	.147	.004	-1.179
260	391	-.312	.120	.082	-.896
260	392	-.287	.108	-.003	-.895
260	393	.049	.090	.480	-.273
260	394	.084	.113	.953	-.228
260	395	.106	.131	1.014	-.192
260	396	.084	.124	.852	-.392
260	397	.107	.151	.945	-.393
260	398	-.297	.072	-.047	-.688
260	399	-.291	.086	-.003	-.720
260	400	-.150	.135	.568	-.672
260	401	.091	.170	.798	-.513
260	402	.107	.144	.793	-.438
260	403	-.011	.162	.666	-.798
260	404	.042	.103	.488	-.535
260	405	.040	.076	.331	-.318
260	406	.040	.078	.319	-.513
260	407	.001	.116	.574	-.808

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	408	.018	.112	.670	-.825
260	409	.002	.133	.706	-.598
260	410	-.122	.112	.331	-.700
260	411	-.262	.125	.231	-.801
260	412	-.526	.185	-.100	-1.651
260	413	-.527	.192	-.080	-1.685
260	414	-.387	.122	.011	-1.051
260	415	-.287	.107	.138	-.939
260	416	-.261	.090	.055	-.905
260	417	-.027	.156	.490	-.865
260	418	.023	.083	.333	-.516
260	419	.020	.068	.292	-.380
260	420	.014	.085	.507	-.290
260	421	-.135	.107	.341	-.629
260	422	-.255	.093	.045	-.714
260	423	-.272	.062	-.027	-.506
260	424	-.240	.074	.084	-.509
260	425	-.066	.135	.507	-.487
260	426	.143	.119	.640	-.310
260	427	.126	.124	.669	-.407
260	428	-.050	.134	.415	-.827
260	429	.006	.093	.331	-.501
260	430	.012	.053	.200	-.168
260	431	-.005	.059	.197	-.246
260	432	-.001	.058	.201	-.302
260	433	-.008	.073	.437	-.323
260	434	-.037	.069	.333	-.286
260	435	-.145	.089	.301	-.472
260	436	-.227	.084	.157	-.574
260	437	-.450	.127	-.078	-1.317
260	438	-.447	.112	-.090	-1.043
260	439	-.350	.120	.036	-.947
260	440	-.248	.076	.050	-.601
260	441	-.256	.083	.018	-.795
260	442	-.012	.049	.178	-.218
260	443	-.025	.057	.187	-.236
260	444	-.017	.058	.235	-.166
260	445	-.007	.059	.213	-.217
260	446	-.079	.096	.486	-.298
260	447	-.228	.070	.071	-.482
260	448	-.168	.083	.216	-.514
260	449	-.040	.108	.630	-.299
260	450	.118	.089	.573	-.122
260	451	.088	.094	.524	-.206
260	452	-.072	.113	.327	-.617
260	453	-.014	.069	.232	-.401
260	454	.000	.041	.161	-.132
260	455	-.004	.049	.186	-.169
260	456	.000	.050	.176	-.163
260	457	-.012	.054	.200	-.187

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	458	.007	.045	.194	-.143
260	459	-.009	.055	.204	-.183
260	460	.049	.077	.419	-.224
260	461	-.079	.063	.165	-.308
260	462	-.068	.046	.105	-.244
260	463	-.152	.061	.088	-.360
260	464	-.226	.065	.019	-.485
260	465	-.391	.099	-.120	-.776
260	466	-.388	.084	-.141	-.764
260	467	-.321	.092	-.013	-.741
260	468	-.248	.073	.054	-.641
260	469	-.253	.075	.069	-.746
260	470	-.173	.053	.105	-.375
260	471	-.251	.073	-.034	-.752
260	472	-.249	.071	.009	-.803
260	473	-.096	.066	.183	-.315
260	474	-.118	.058	.156	-.319
260	475	-.232	.065	-.017	-.594
260	476	-.232	.064	-.021	-.683
260	477	-.115	.070	.255	-.329
260	478	-.035	.064	.400	-.223
260	479	.110	.095	.830	-.143
260	480	.108	.091	.537	-.127
260	481	.075	.083	.495	-.138
260	482	-.070	.071	.140	-.424
260	483	-.029	.068	.174	-.377
260	484	.007	.049	.186	-.153
260	485	.005	.050	.179	-.164
260	486	.002	.043	.156	-.136
260	487	.002	.050	.183	-.181
260	488	.008	.050	.191	-.153
260	489	.003	.050	.211	-.159
260	490	.015	.066	.386	-.167
260	491	-.089	.058	.125	-.321
260	492	-.066	.049	.139	-.219
260	493	-.141	.051	.020	-.357
260	494	-.192	.048	-.050	-.398
260	495	-.326	.083	-.094	-.806
260	496	-.330	.085	-.092	-.839
260	497	-.285	.089	-.036	-.746
260	498	-.230	.059	-.066	-.562
260	499	-.232	.066	-.003	-.624
260	801	-.259	.046	-.094	-.432
260	802	-.230	.043	-.080	-.385
260	803	-.230	.042	-.104	-.370
260	804	-.237	.038	-.104	-.366
260	805	.060	.090	.380	-.267
260	806	-.022	.059	.231	-.215
260	807	.000	.057	.218	-.334
260	808	.005	.049	.192	-.164

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	901	-.306	.118	.320	-.766
260	902	-.240	.090	.134	-.814
260	903	-.270	.108	.110	-.932
260	904	-.196	.115	.319	-.575
260	905	-.288	.111	.200	-.770
260	906	-.255	.087	.155	-.651
260	907	-.265	.098	.084	-.644
260	908	-.276	.094	.099	-.722
260	909	-.359	.150	.144	-1.279
260	910	-.290	.137	.283	-.790
260	911	-.298	.093	.093	-.806
260	912	-.288	.063	.010	-.702
260	913	-.261	.060	-.066	-.604
260	914	-.265	.069	-.007	-.903
260	915	-.259	.055	-.023	-.492
260	916	-.413	.160	.256	-1.260
260	917	-.467	.180	.185	-1.353
260	918	-.394	.141	.155	-1.348
260	919	-.446	.152	.142	-1.226
260	920	-.453	.218	.387	-1.686
260	921	-.448	.161	.244	-1.446
260	922	-.387	.117	.034	-.948
260	923	-.325	.143	.202	-1.028
260	924	-.303	.126	.156	-1.278
260	925	-.436	.127	.088	-1.049
260	926	-.430	.129	.118	-1.042
260	927	.059	.111	.947	-.290
260	928	.081	.123	1.053	-.318
260	929	.053	.099	.924	-.259
260	930	.096	.101	1.109	-.171
270	1	-.389	.104	-.100	-.863
270	2	-.130	.077	.147	-.398
270	3	-.402	.124	.073	-1.094
270	4	-.443	.150	-.065	-1.194
270	101	-.341	.111	-.039	-.914
270	102	-.356	.095	-.100	-.850
270	103	-.366	.093	-.080	-1.095
270	104	-.326	.080	-.052	-.644
270	105	-.332	.089	-.056	-.822
270	106	-.363	.085	-.118	-.892
270	107	-.379	.098	-.105	-.946
270	108	-.341	.097	-.054	-.926
270	109	-.379	.123	-.051	-1.164
270	110	-.342	.087	-.030	-.820
270	111	-.332	.092	.096	-.798
270	112	-.313	.076	-.057	-.723
270	113	-.313	.076	-.039	-.680
270	114	-.341	.068	-.125	-.632
270	115	-.360	.087	-.103	-.767
270	116	-.315	.090	-.034	-.899

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	117	-.318	.092	-.017	-.868
270	118	-.339	.080	-.083	-.800
270	119	-.309	.093	-.015	-.860
270	120	-.220	.097	.121	-.933
270	121	-.191	.113	.218	-.645
270	122	-.203	.118	.227	-.712
270	123	-.262	.182	.431	-1.467
270	124	-.338	.096	-.071	-1.331
270	125	-.331	.091	-.073	-1.064
270	126	-.340	.061	-.155	-.652
270	127	-.362	.069	-.153	-.687
270	128	-.325	.069	-.126	-.634
270	129	-.354	.082	-.110	-.954
270	130	-.369	.067	-.153	-.735
270	131	-.382	.076	-.085	-.757
270	132	-.336	.071	-.067	-.728
270	133	-.329	.070	-.105	-.694
270	134	-.337	.057	-.145	-.548
270	135	-.351	.066	-.113	-.581
270	136	-.316	.064	-.091	-.533
270	137	-.327	.070	-.071	-.621
270	138	-.354	.067	-.125	-.695
270	139	-.365	.079	-.088	-.742
270	140	-.322	.079	-.062	-.815
270	141	-.322	.075	-.081	-.697
270	142	-.272	.062	-.003	-.587
270	143	-.226	.089	.230	-.644
270	144	-.086	.126	.356	-.553
270	145	-.055	.200	.609	-1.235
270	146	-.139	.205	.532	-1.092
270	147	-.372	.115	.033	-.928
270	148	-.318	.098	.025	-.738
270	149	-.307	.073	-.083	-.694
270	150	-.312	.052	-.143	-.508
270	151	-.334	.062	-.090	-.586
270	152	-.315	.070	-.089	-.691
270	153	-.318	.064	-.120	-.633
270	154	-.337	.053	-.168	-.565
270	155	-.360	.063	-.178	-.644
270	156	-.320	.062	-.143	-.610
270	157	-.317	.057	-.137	-.548
270	158	-.323	.050	-.145	-.505
270	159	-.352	.059	-.156	-.563
270	160	-.288	.059	-.074	-.543
270	161	-.310	.069	-.059	-.936
270	162	-.319	.056	-.103	-.600
270	163	-.331	.063	-.075	-.659
270	164	-.287	.061	-.037	-.563
270	165	-.241	.067	.044	-.553
270	166	-.178	.071	.120	-.488

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	167	-.057	.124	.401	-.750
270	168	.026	.183	.608	-.876
270	169	-.122	.245	.699	-1.022
270	170	-.336	.098	-.045	-.830
270	171	-.340	.102	-.017	-.825
270	172	-.283	.078	-.010	-.642
270	173	-.261	.058	-.072	-.567
270	174	-.239	.054	-.063	-.593
270	175	-.254	.067	-.068	-1.247
270	176	-.266	.057	-.081	-.832
270	177	-.271	.056	-.045	-.625
270	178	-.258	.052	-.097	-.633
270	179	-.272	.062	-.083	-.734
270	180	-.286	.052	-.113	-.516
270	181	-.267	.055	-.097	-.484
270	182	-.253	.049	-.101	-.451
270	183	-.247	.060	-.052	-.559
270	184	-.287	.071	-.090	-.902
270	185	-.279	.082	-.084	-.969
270	186	-.252	.072	-.074	-.678
270	187	-.257	.078	-.061	-.741
270	188	-.268	.062	-.054	-.534
270	189	-.251	.072	.139	-.540
270	190	-.253	.086	.141	-.724
270	191	-.545	.289	.510	-2.093
270	192	-.758	.305	.452	-2.091
270	193	-.284	.064	.009	-.825
270	194	-.259	.049	-.110	-.520
270	195	-.260	.053	-.037	-.450
270	196	-.284	.053	-.117	-.593
270	197	-.273	.066	-.061	-.562
270	198	-.253	.082	-.006	-.786
270	199	-.253	.086	-.061	-.747
270	200	-.263	.075	-.035	-.816
270	201	-.255	.061	-.081	-.605
270	202	-.235	.057	-.088	-.613
270	203	-.236	.054	-.001	-.517
270	204	-.249	.050	-.054	-.479
270	205	-.259	.051	-.108	-.569
270	206	-.248	.047	-.090	-.573
270	207	-.268	.058	-.046	-.625
270	208	-.286	.062	-.074	-.643
270	209	-.284	.075	-.068	-.823
270	210	-.273	.084	-.026	-1.303
270	211	-.290	.101	-.019	-.870
270	212	-.324	.080	-.044	-.900
270	213	-.326	.085	-.043	-.778
270	214	-.340	.085	-.077	-.724
270	215	-.354	.099	-.097	-.856
270	216	-.366	.092	-.124	-.780

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	217	-.245	.051	-.079	-.463
270	218	-.217	.042	-.077	-.374
270	219	-.239	.048	-.063	-.483
270	220	-.275	.052	-.101	-.538
270	221	-.298	.075	-.084	-1.063
270	222	-.287	.065	-.086	-.704
270	223	-.255	.084	-.010	-.619
270	224	-.264	.070	-.063	-.538
270	225	-.248	.065	-.052	-.632
270	226	-.222	.052	-.070	-.580
270	227	-.233	.062	-.075	-.883
270	228	-.242	.048	-.106	-.481
270	229	-.239	.047	-.081	-.414
270	230	-.217	.041	-.077	-.354
270	231	-.230	.046	-.077	-.432
270	232	-.254	.046	-.106	-.447
270	233	-.258	.049	-.099	-.486
270	234	-.236	.047	-.083	-.380
270	235	-.267	.057	-.070	-.483
270	236	-.301	.058	-.115	-.516
270	237	-.340	.081	-.106	-.767
270	238	-.303	.063	-.112	-.627
270	239	-.304	.074	-.021	-1.065
270	240	-.310	.063	-.145	-.791
270	241	-.310	.069	-.117	-.697
270	242	-.225	.041	-.081	-.385
270	243	-.225	.045	-.063	-.370
270	244	-.240	.044	-.079	-.381
270	245	-.241	.043	-.095	-.405
270	246	-.228	.040	-.099	-.398
270	247	-.312	.087	-.034	-.927
270	248	-.262	.067	-.042	-.600
270	249	-.256	.063	-.070	-.544
270	250	-.261	.056	-.070	-.522
270	251	-.280	.068	-.061	-.784
270	252	-.244	.051	-.041	-.490
270	253	-.246	.048	-.102	-.430
270	254	-.259	.043	-.099	-.411
270	255	-.291	.048	-.143	-.457
270	256	-.276	.048	-.129	-.454
270	257	-.270	.045	-.114	-.446
270	258	-.274	.041	-.136	-.419
270	259	-.290	.046	-.128	-.452
270	260	-.274	.047	-.112	-.478
270	261	-.299	.055	-.097	-.527
270	262	-.304	.047	-.138	-.470
270	263	-.332	.059	-.133	-.532
270	264	-.318	.064	-.120	-.537
270	265	-.349	.088	-.070	-.692
270	266	-.358	.075	-.092	-.664

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	267	-.427	.116	-.066	-1.014
270	268	-.400	.103	-.122	-.981
270	269	-.394	.104	-.141	-.920
270	270	-.286	.067	-.097	-.686
270	271	-.421	.122	-.084	-1.140
270	272	-.416	.142	-.073	-1.436
270	273	-.270	.076	-.034	-.624
270	274	-.277	.069	-.067	-.613
270	275	-.550	.137	-.168	-1.177
270	276	-.523	.143	-.139	-1.166
270	277	-.263	.074	-.024	-.607
270	278	-.269	.066	-.050	-.556
270	279	-.279	.070	-.084	-.564
270	280	-.254	.066	-.070	-.581
270	281	-.263	.073	-.058	-.818
270	282	-.266	.050	-.084	-.485
270	283	-.275	.053	-.086	-.497
270	284	-.253	.051	-.075	-.451
270	285	-.259	.049	-.087	-.451
270	286	-.281	.049	-.072	-.512
270	287	-.290	.048	-.108	-.470
270	288	-.261	.046	-.085	-.436
270	289	-.268	.046	-.102	-.434
270	290	-.287	.044	-.143	-.465
270	291	-.311	.054	-.143	-.608
270	292	-.282	.051	-.120	-.532
270	293	-.289	.054	-.092	-.502
270	294	-.300	.049	-.141	-.482
270	295	-.321	.061	-.113	-.631
270	296	-.302	.062	-.051	-.586
270	297	-.371	.087	-.036	-.714
270	298	-.503	.125	-.146	-1.102
270	299	-.527	.143	-.128	-1.120
270	301	-.033	.194	1.043	-.657
270	302	-.007	.174	.789	-.526
270	303	-.108	.210	.878	-.679
270	304	-.114	.197	.775	-.650
270	305	-.136	.201	.812	-.697
270	306	-.283	.192	.511	-1.354
270	307	-.305	.233	.577	-1.394
270	308	-.212	.193	.473	-1.205
270	309	-.182	.140	.422	-.966
270	310	-.198	.107	.155	-.983
270	311	-.283	.128	.217	-.917
270	312	-.260	.114	.419	-.690
270	313	-.273	.118	.542	-.661
270	314	-.112	.148	.650	-.599
270	315	-.228	.135	.607	-.826
270	316	-.181	.113	.509	-.681
270	317	-.219	.124	.364	-.642

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	318	-.260	.102	.244	-.654
270	319	-.506	.181	-.069	-1.506
270	320	-.404	.128	.016	-1.123
270	321	-.343	.113	.013	-.981
270	322	-.286	.082	.023	-.650
270	323	-.341	.095	-.046	-.807
270	324	.072	.215	1.141	-.656
270	325	.145	.227	1.008	-.524
270	326	.122	.164	.851	-.273
270	327	-.030	.137	.600	-.500
270	328	-.075	.119	.516	-.594
270	329	-.255	.177	.402	-1.163
270	330	-.230	.162	.341	-.968
270	331	-.229	.181	.421	-1.195
270	332	-.143	.140	.343	-1.261
270	333	-.150	.114	.366	-.699
270	334	-.139	.081	.361	-.546
270	335	-.115	.114	.467	-.427
270	336	-.135	.100	.410	-.491
270	337	-.042	.171	.726	-.946
270	338	-.088	.121	.749	-.888
270	339	-.143	.127	.779	-.541
270	340	-.188	.122	.511	-.600
270	341	-.273	.125	.399	-.757
270	342	-.442	.145	-.129	-1.208
270	343	-.497	.166	-.039	-1.506
270	344	-.360	.116	.070	-1.093
270	345	-.311	.089	.033	-.819
270	346	-.297	.071	-.054	-.681
270	347	.179	.226	.985	-.622
270	348	.269	.224	1.047	-.453
270	349	.256	.193	1.030	-.242
270	350	.089	.105	.546	-.277
270	351	-.070	.104	.311	-.424
270	352	-.299	.166	.139	-1.136
270	353	-.306	.173	.246	-1.152
270	354	-.221	.164	.352	-1.025
270	355	-.139	.163	.454	-1.619
270	356	-.076	.128	.383	-.820
270	357	-.077	.100	.346	-.622
270	358	.025	.093	.425	-.317
270	359	-.094	.103	.311	-.571
270	360	.074	.160	.715	-.800
270	361	-.048	.136	.586	-.526
270	362	-.042	.108	.626	-.383
270	363	-.205	.140	.506	-.748
270	364	-.257	.136	.345	-.905
270	365	-.470	.191	-.111	-1.452
270	366	-.453	.160	-.127	-1.310
270	367	-.456	.152	.217	-1.224

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	368	-.331	.112	.085	-.813
270	369	-.336	.128	.089	-.988
270	370	-.185	.148	.486	-.833
270	371	-.009	.172	.720	-.720
270	372	.327	.180	1.141	-.345
270	373	.296	.148	1.009	-.276
270	374	.147	.117	.750	-.320
270	375	-.464	.272	.448	-1.649
270	376	-.347	.272	.347	-1.305
270	377	-.080	.176	.346	-1.283
270	378	-.017	.091	.363	-.865
270	379	-.021	.097	.409	-.553
270	380	-.052	.089	.413	-.395
270	381	.058	.111	.599	-.348
270	382	-.036	.092	.413	-.461
270	383	.181	.179	1.269	-.448
270	384	-.055	.140	.676	-.621
270	385	-.038	.118	.662	-.367
270	386	-.168	.105	.329	-.497
270	387	-.292	.126	.234	-.809
270	388	-.475	.157	-.103	-1.324
270	389	-.504	.170	-.068	-1.550
270	390	-.451	.143	-.020	-1.163
270	391	-.363	.131	.065	-1.060
270	392	-.343	.126	.072	-1.154
270	393	.003	.090	.387	-.644
270	394	-.017	.086	.423	-.405
270	395	.046	.110	.606	-.346
270	396	-.011	.094	.452	-.458
270	397	.179	.185	.968	-.326
270	398	-.360	.086	.033	-.715
270	399	-.315	.122	.433	-.748
270	400	.035	.245	1.067	-.609
270	401	.302	.199	.999	-.512
270	402	.238	.149	.888	-.470
270	403	-.300	.286	.643	-1.532
270	404	-.127	.235	.481	-1.344
270	405	-.027	.119	.365	-.965
270	406	-.002	.077	.263	-.386
270	407	-.027	.094	.419	-.463
270	408	-.008	.087	.449	-.380
270	409	-.052	.094	.351	-.398
270	410	-.175	.091	.229	-.545
270	411	-.309	.119	.246	-.833
270	412	-.506	.142	-.147	-1.205
270	413	-.532	.164	-.131	-1.468
270	414	-.434	.144	-.035	-1.175
270	415	-.322	.120	.112	-.906
270	416	-.296	.102	-.001	-1.076
270	417	-.264	.271	.594	-1.497
270	418	-.128	.196	.346	-1.044
270	419	-.012	.080	.341	-.388
270	420	-.011	.075	.364	-.271
270	421	-.170	.097	.317	-.541
270	422	-.292	.096	.111	-.708
270	423	-.314	.079	.139	-.660
270	424	-.252	.108	.345	-.541
270	425	.035	.220	1.006	-.736
270	426	.248	.151	.924	-.298
270	427	.172	.151	.925	-.431
270	428	-.235	.218	.345	-1.271
270	429	-.129	.194	.300	-1.167
270	430	-.030	.080	.206	-.533
270	431	-.030	.068	.243	-.358
270	432	-.024	.063	.206	-.237
270	433	-.030	.077	.291	-.362
270	434	-.068	.066	.225	-.279
270	435	-.182	.089	.265	-.490
270	436	-.260	.090	.160	-.582
270	437	-.438	.139	-.088	-1.251
270	438	-.442	.130	-.124	-1.228
270	439	-.398	.149	.027	-1.381
270	440	-.289	.103	.063	-1.113
270	441	-.291	.117	.026	-1.244
270	442	-.032	.050	.157	-.272
270	443	-.043	.058	.182	-.246
270	444	-.003	.057	.230	-.171
270	445	-.031	.061	.274	-.249
270	446	.085	.104	.631	-.219
270	447	-.248	.097	.215	-.640
270	448	-.138	.113	.289	-.509
270	449	.152	.127	.682	-.317
270	450	.196	.087	.641	-.066
270	451	.116	.095	.501	-.205
270	452	-.237	.157	.249	-1.095
270	453	-.124	.137	.217	-.679
270	454	-.030	.055	.137	-.343
270	455	-.026	.056	.155	-.263
270	456	-.018	.055	.157	-.223
270	457	-.033	.054	.181	-.257
270	458	-.011	.046	.178	-.179
270	459	-.033	.055	.170	-.234
270	460	.064	.091	.470	-.213
270	461	-.118	.068	.131	-.432
270	462	-.094	.047	.091	-.263
270	463	-.176	.060	.038	-.388
270	464	-.246	.067	-.000	-.502
270	465	-.372	.103	-.121	-.792
270	466	-.377	.091	-.145	-.743
270	467	-.359	.108	.026	-1.001
270	468	-.292	.093	-.003	-.703
270	469	-.300	.105	.016	-1.321
270	470	-.178	.065	.123	-.488
270	471	-.296	.091	.028	-1.222
270	472	-.295	.098	-.000	-1.217
270	473	-.091	.080	.280	-.413
270	474	-.138	.070	.188	-.439
270	475	-.275	.083	.030	-1.001
270	476	-.273	.087	-.005	-.991
270	477	-.137	.079	.186	-.387
270	478	-.024	.068	.299	-.237
270	479	.151	.093	.622	-.083
270	480	.111	.077	.618	-.138
270	481	.051	.077	.476	-.178
270	482	-.128	.086	.176	-.488
270	483	-.085	.094	.235	-.494
270	484	-.013	.069	.203	-.301
270	485	-.012	.052	.160	-.188
270	486	-.018	.044	.127	-.160
270	487	-.021	.052	.158	-.181
270	488	-.008	.051	.225	-.180
270	489	-.017	.053	.184	-.207
270	490	.033	.065	.378	-.155
270	491	-.106	.059	.107	-.378
270	492	-.083	.050	.099	-.289
270	493	-.159	.053	.030	-.370
270	494	-.211	.052	-.058	-.432
270	495	-.332	.105	-.090	-1.078
270	496	-.332	.107	-.100	-1.091
270	497	-.318	.102	-.042	-.880
270	498	-.259	.068	-.034	-.642
270	499	-.260	.080	.018	-.847
270	801	-.292	.046	-.118	-.452
270	802	-.263	.043	-.120	-.422
270	803	-.270	.048	-.082	-.437
270	804	-.274	.043	-.109	-.411
270	805	.029	.098	.446	-.537
270	806	-.045	.064	.165	-.320
270	807	-.024	.060	.203	-.274
270	808	-.016	.052	.193	-.196
270	901	-.322	.144	.148	-.923
270	902	-.221	.100	.155	-.770
270	903	-.313	.137	.108	-1.001
270	904	-.222	.153	.552	-.739
270	905	-.274	.117	.121	-.902
270	906	-.245	.100	.196	-.670
270	907	-.306	.139	.086	-.830
270	908	-.260	.089	.033	-.681
270	909	-.415	.205	.312	-2.641
270	910	-.220	.147	.215	-.804

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	911	-.320	.073	.002	-.700
270	912	-.311	.055	-.131	-.561
270	913	-.287	.055	-.110	-.500
270	914	-.291	.057	-.104	-.687
270	915	-.291	.048	-.114	-.588
270	916	-.404	.134	.138	-1.215
270	917	-.408	.216	.248	-1.444
270	918	-.363	.108	.066	-.976
270	919	-.464	.129	.015	-1.125
270	920	-.305	.219	.357	-1.168
270	921	-.498	.202	.258	-1.719
270	922	-.371	.109	.002	-.866
270	923	-.356	.180	.273	-1.133
270	924	-.279	.094	.128	-.677
270	925	-.447	.144	.076	-1.221
270	926	-.461	.165	.095	-1.244
270	927	-.037	.110	.439	-.450
270	928	.011	.119	.514	-.507
270	929	-.025	.108	.366	-.559
270	930	.043	.087	.383	-.290
280	1	-.437	.118	-.107	-1.047
280	2	-.103	.086	.273	-.450
280	3	-.436	.151	.212	-1.254
280	4	-.513	.173	-.079	-1.192
280	101	-.306	.095	.007	-.855
280	102	-.310	.076	-.065	-.696
280	103	-.323	.079	-.058	-.785
280	104	-.293	.078	-.022	-.906
280	105	-.302	.082	-.054	-.781
280	106	-.327	.081	-.088	-.796
280	107	-.340	.094	-.030	-.896
280	108	-.303	.093	-.007	-.839
280	109	-.330	.113	-.022	-1.184
280	110	-.321	.091	.015	-.869
280	111	-.319	.112	.251	-.990
280	112	-.303	.085	-.005	-.682
280	113	-.309	.087	-.029	-.703
280	114	-.329	.074	-.078	-.641
280	115	-.350	.092	-.035	-.707
280	116	-.309	.090	-.020	-.814
280	117	-.319	.091	.027	-.661
280	118	-.336	.078	-.058	-.624
280	119	-.323	.095	.054	-.689
280	120	-.222	.089	.154	-.561
280	121	-.170	.100	.282	-.624
280	122	-.167	.116	.388	-.731
280	123	-.315	.209	.546	-1.240
280	124	-.305	.079	-.032	-.682
280	125	-.301	.074	-.037	-.764
280	126	-.313	.057	-.143	-.626
280	127	-.335	.068	-.098	-.644
280	128	-.303	.069	-.052	-.601
280	129	-.316	.075	-.088	-.749
280	130	-.327	.062	-.128	-.644
280	131	-.338	.072	-.098	-.699
280	132	-.298	.068	-.084	-.553
280	133	-.308	.071	-.086	-.710
280	134	-.320	.060	-.138	-.616
280	135	-.333	.068	-.133	-.664
280	136	-.300	.065	-.104	-.623
280	137	-.300	.065	-.079	-.639
280	138	-.323	.059	-.143	-.596
280	139	-.335	.069	-.085	-.636
280	140	-.295	.066	-.025	-.573
280	141	-.299	.070	-.079	-.570
280	142	-.248	.056	-.028	-.438
280	143	-.189	.072	.084	-.459
280	144	-.016	.100	.380	-.417
280	145	-.034	.210	.607	-1.049
280	146	-.229	.230	.568	-1.432
280	147	-.355	.089	-.037	-.806
280	148	-.307	.077	-.015	-.690
280	149	-.303	.062	-.086	-.612
280	150	-.312	.050	-.126	-.524
280	151	-.334	.061	-.098	-.667
280	152	-.306	.067	-.067	-.725
280	153	-.305	.064	-.108	-.607
280	154	-.320	.055	-.163	-.576
280	155	-.338	.064	-.141	-.717
280	156	-.302	.062	-.104	-.601
280	157	-.301	.059	-.123	-.575
280	158	-.311	.051	-.153	-.526
280	159	-.333	.060	-.143	-.596
280	160	-.284	.059	-.084	-.511
280	161	-.295	.062	-.086	-.572
280	162	-.307	.052	-.136	-.524
280	163	-.320	.060	-.116	-.548
280	164	-.280	.058	-.082	-.514
280	165	-.235	.059	-.029	-.474
280	166	-.172	.060	.047	-.441
280	167	-.047	.102	.392	-.548
280	168	-.059	.238	.658	-1.258
280	169	-.306	.283	.663	-1.415
280	170	-.354	.088	-.113	-.796
280	171	-.359	.092	-.075	-.826
280	172	-.306	.072	-.084	-.677
280	173	-.291	.062	-.068	-.581
280	174	-.271	.057	-.074	-.550
280	175	-.286	.069	-.097	-.704
280	176	-.296	.060	-.097	-.618
280	177	-.294	.059	-.079	-.667
280	178	-.280	.054	-.109	-.502
280	179	-.292	.063	-.104	-.690
280	180	-.304	.055	-.130	-.583
280	181	-.283	.056	-.077	-.489
280	182	-.266	.050	-.086	-.445
280	183	-.268	.061	-.054	-.521
280	184	-.306	.068	-.072	-.766
280	185	-.305	.080	-.051	-.752
280	186	-.277	.069	-.026	-.799
280	187	-.281	.075	-.079	-.788
280	188	-.294	.066	-.015	-.676
280	189	-.278	.071	-.031	-.590
280	190	-.296	.096	.097	-.753
280	191	-.668	.306	.131	-2.466
280	192	-.794	.320	.088	-2.536
280	193	-.316	.062	-.125	-.741
280	194	-.294	.051	-.127	-.529
280	195	-.295	.055	-.113	-.507
280	196	-.317	.054	-.137	-.562
280	197	-.312	.072	-.086	-.803
280	198	-.286	.085	-.077	-.650
280	199	-.286	.089	-.061	-.690
280	200	-.293	.080	-.053	-.632
280	201	-.285	.065	-.102	-.563
280	202	-.266	.062	-.072	-.627
280	203	-.269	.059	-.056	-.539
280	204	-.281	.056	-.090	-.512
280	205	-.286	.056	-.098	-.516
280	206	-.276	.052	-.104	-.520
280	207	-.298	.065	-.100	-.576
280	208	-.322	.074	-.100	-.705
280	209	-.333	.092	-.033	-1.159
280	210	-.318	.088	-.058	-.895
280	211	-.337	.104	-.031	-1.214
280	212	-.385	.092	-.072	-.796
280	213	-.388	.101	-.051	-.947
280	214	-.406	.106	-.136	-.922
280	215	-.401	.117	-.104	-1.184
280	216	-.412	.109	-.142	-.995
280	217	-.268	.060	-.028	-.646
280	218	-.242	.050	-.061	-.563
280	219	-.265	.054	-.093	-.457
280	220	-.300	.056	-.140	-.615
280	221	-.326	.069	-.114	-.861
280	222	-.326	.066	-.090	-.602
280	223	-.256	.087	-.056	-.688
280	224	-.264	.074	-.059	-.606
280	225	-.257	.073	-.049	-.602
280	226	-.230	.060	-.033	-.643

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	227	-.241	.070	-.013	-.599
280	228	-.252	.052	-.088	-.491
280	229	-.246	.049	-.058	-.465
280	230	-.227	.042	-.036	-.394
280	231	-.242	.048	-.038	-.422
280	232	-.278	.048	-.090	-.512
280	233	-.286	.057	-.086	-.607
280	234	-.269	.053	-.031	-.481
280	235	-.306	.066	-.086	-.594
280	236	-.346	.069	-.137	-.641
280	237	-.423	.119	-.063	-.935
280	238	-.381	.087	-.081	-.778
280	239	-.401	.118	-.077	-1.125
280	240	-.400	.097	-.142	-1.091
280	241	-.388	.097	-.114	-.979
280	242	-.248	.046	-.095	-.447
280	243	-.241	.048	-.081	-.411
280	244	-.253	.048	-.097	-.397
280	245	-.255	.049	-.079	-.440
280	246	-.249	.046	-.095	-.433
280	247	-.277	.074	-.024	-.832
280	248	-.254	.076	-.008	-.606
280	249	-.233	.063	-.055	-.619
280	250	-.241	.056	-.088	-.622
280	251	-.258	.066	-.085	-.779
280	252	-.230	.051	-.074	-.483
280	253	-.234	.048	-.024	-.430
280	254	-.250	.043	-.108	-.413
280	255	-.291	.049	-.124	-.484
280	256	-.288	.053	-.118	-.568
280	257	-.277	.050	-.103	-.457
280	258	-.279	.045	-.115	-.449
280	259	-.292	.051	-.095	-.465
280	260	-.288	.056	-.108	-.553
280	261	-.318	.066	-.131	-.564
280	262	-.319	.055	-.156	-.561
280	263	-.342	.071	-.104	-.628
280	264	-.329	.075	-.079	-.645
280	265	-.347	.103	.027	-.902
280	266	-.366	.092	-.003	-.794
280	267	-.484	.147	-.070	-1.058
280	268	-.480	.137	-.142	-1.506
280	269	-.501	.139	-.162	-1.292
280	270	-.262	.064	-.066	-.559
280	271	-.514	.158	.078	-1.207
280	272	-.555	.210	-.106	-1.622
280	273	-.242	.068	-.043	-.526
280	274	-.253	.063	-.059	-.515
280	275	-.610	.139	-.238	-1.219
280	276	-.598	.140	-.188	-1.245
280	277	-.237	.071	-.043	-.703
280	278	-.241	.062	-.069	-.605
280	279	-.243	.062	-.080	-.586
280	280	-.222	.062	-.033	-.531
280	281	-.230	.067	-.003	-.703
280	282	-.235	.047	-.074	-.430
280	283	-.240	.050	-.070	-.421
280	284	-.220	.050	-.016	-.411
280	285	-.240	.056	-.016	-.454
280	286	-.273	.062	-.015	-.554
280	287	-.294	.053	-.126	-.511
280	288	-.262	.050	-.096	-.432
280	289	-.267	.054	-.093	-.588
280	290	-.289	.054	-.122	-.505
280	291	-.311	.064	-.092	-.598
280	292	-.291	.063	-.106	-.655
280	293	-.302	.069	-.067	-.593
280	294	-.313	.063	-.098	-.568
280	295	-.324	.068	-.070	-.596
280	296	-.301	.068	-.040	-.645
280	297	-.394	.100	-.086	-.809
280	298	-.539	.124	-.161	-1.119
280	299	-.578	.143	-.102	-1.231
280	301	.122	.203	.926	-.690
280	302	.175	.182	.846	-.441
280	303	.058	.216	1.110	-.681
280	304	.009	.212	1.036	-.820
280	305	-.065	.210	1.047	-.762
280	306	-.430	.248	.521	-1.327
280	307	-.437	.316	.723	-1.624
280	308	-.237	.251	.683	-1.201
280	309	-.192	.184	.477	-1.047
280	310	-.218	.141	.199	-.952
280	311	-.291	.169	.222	-1.158
280	312	-.206	.150	.528	-.979
280	313	-.213	.194	.803	-1.028
280	314	.022	.239	1.951	-.938
280	315	-.215	.186	.561	-1.426
280	316	-.149	.123	.542	-.608
280	317	-.211	.113	.299	-.616
280	318	-.267	.094	.137	-.623
280	319	-.498	.181	-.017	-1.423
280	320	-.429	.157	.000	-1.265
280	321	-.368	.129	-.002	-.998
280	322	-.306	.092	-.036	-.853
280	323	.355	.107	-.055	-.865
280	324	.303	.240	1.323	-.432
280	325	.385	.252	1.396	-.574
280	326	.365	.193	1.249	-.319
280	327	.133	.167	.881	-.454
280	328	.010	.146	.758	-.512
280	329	-.382	.225	.565	-1.524
280	330	-.363	.207	.436	-1.270
280	331	-.327	.265	.511	-1.727
280	332	-.187	.204	.386	-1.386
280	333	-.175	.161	.313	-.889
280	334	-.159	.106	.215	-.685
280	335	-.064	.166	.790	-.740
280	336	-.136	.138	.556	-.926
280	337	-.003	.263	1.111	-1.209
280	338	-.102	.154	.512	-.897
280	339	-.143	.121	.465	-.707
280	340	-.198	.105	.362	-.605
280	341	-.281	.105	.213	-.868
280	342	-.401	.123	-.142	-1.541
280	343	-.464	.146	-.122	-1.677
280	344	-.374	.110	.082	-1.005
280	345	-.316	.086	-.016	-.808
280	346	-.301	.073	-.061	-.706
280	347	.315	.212	1.055	-.545
280	348	.463	.212	1.199	-.446
280	349	.474	.202	1.246	-.317
280	350	.204	.123	.726	-.236
280	351	-.014	.125	.518	-.468
280	352	-.361	.183	.133	-1.442
280	353	-.365	.182	.169	-1.639
280	354	-.314	.176	.395	-1.122
280	355	-.269	.230	.415	-1.313
280	356	-.176	.173	.381	-.905
280	357	-.127	.112	.252	-.509
280	358	-.024	.100	.411	-.381
280	359	-.157	.120	.289	-.690
280	360	-.027	.226	.926	-.979
280	361	-.088	.156	.808	-.722
280	362	-.075	.100	.372	-.533
280	363	-.223	.114	.463	-.707
280	364	-.264	.111	.393	-.760
280	365	-.414	.133	-.044	-1.188
280	366	-.402	.116	-.093	-1.058
280	367	-.437	.136	.021	-1.158
280	368	-.344	.106	.175	-.902
280	369	-.357	.127	.025	-1.033
280	370	-.096	.131	.625	-.733
280	371	.161	.175	1.096	-.466
280	372	.537	.199	1.447	-.164
280	373	.352	.162	1.019	-.264
280	374	.138	.126	.583	-.307
280	375	-.579	.244	.062	-1.940
280	376	-.536	.221	.166	-1.478
280	377	-.271	.236	.370	-1.466

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	378	-.117	.153	.267	-1.107
280	379	-.107	.140	.278	-.834
280	380	-.125	.098	.175	-.492
280	381	.003	.121	.609	-.395
280	382	-.115	.098	.191	-.685
280	383	.133	.234	1.061	-.999
280	384	-.112	.137	.393	-.777
280	385	-.083	.100	.380	-.464
280	386	-.199	.096	.262	-.632
280	387	-.309	.112	.060	-.906
280	388	-.445	.138	-.098	-1.085
280	389	-.441	.136	-.136	-1.223
280	390	-.419	.126	-.081	-1.128
280	391	-.374	.120	.053	-.948
280	392	-.357	.116	-.015	-1.054
280	393	-.070	.110	.256	-1.092
280	394	-.084	.096	.228	-.570
280	395	-.006	.116	.690	-.357
280	396	-.079	.097	.233	-.529
280	397	.165	.213	.900	-.838
280	398	-.304	.107	.103	-.658
280	399	-.200	.162	.384	-.721
280	400	.284	.256	1.123	-.596
280	401	.371	.181	1.324	-.223
280	402	.218	.152	.871	-.222
280	403	-.537	.260	.338	-1.956
280	404	-.402	.278	.414	-1.555
280	405	-.145	.199	.315	-1.718
280	406	-.067	.102	.218	-.778
280	407	-.085	.100	.384	-.658
280	408	-.060	.078	.266	-.397
280	409	-.095	.082	.215	-.391
280	410	-.196	.078	.089	-.512
280	411	-.305	.105	.014	-.776
280	412	-.438	.130	-.105	-1.029
280	413	-.459	.151	-.093	-1.250
280	414	-.410	.142	.002	-1.273
280	415	-.345	.130	.055	-1.105
280	416	-.324	.118	-.033	-1.075
280	417	-.508	.245	.350	-1.709
280	418	-.400	.238	.301	-1.313
280	419	-.081	.118	.347	-.830
280	420	-.062	.067	.203	-.350
280	421	-.186	.084	.102	-.647
280	422	-.281	.087	-.017	-.718
280	423	-.262	.107	.125	-.776
280	424	-.123	.144	.363	-.631
280	425	.270	.204	.875	-.530
280	426	.293	.139	1.005	-.277
280	427	.119	.145	.813	-.420

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	428	-.463	.197	.136	-1.555
280	429	-.347	.224	.295	-1.232
280	430	-.127	.130	.198	-1.024
280	431	-.084	.084	.238	-.688
280	432	-.071	.062	.159	-.401
280	433	-.077	.072	.176	-.530
280	434	-.100	.057	.117	-.303
280	435	-.186	.073	.085	-.473
280	436	-.238	.077	.016	-.596
280	437	-.348	.122	-.054	-.996
280	438	-.352	.113	-.091	-.937
280	439	-.344	.136	-.012	-1.110
280	440	-.275	.102	.027	-.934
280	441	-.278	.111	.031	-1.007
280	442	-.075	.054	.103	-.365
280	443	-.079	.058	.116	-.276
280	444	-.045	.058	.154	-.242
280	445	-.070	.059	.160	-.331
280	446	-.025	.107	.636	-.300
280	447	-.218	.108	.274	-.593
280	448	-.063	.127	.553	-.425
280	449	.280	.130	1.137	-.210
280	450	.232	.090	.637	-.187
280	451	.090	.099	.732	-.385
280	452	-.416	.158	.079	-1.271
280	453	-.287	.158	.170	-1.053
280	454	-.088	.073	.133	-.557
280	455	-.062	.058	.157	-.402
280	456	-.053	.055	.170	-.308
280	457	-.066	.051	.111	-.284
280	458	-.039	.043	.126	-.215
280	459	-.070	.053	.145	-.309
280	460	.047	.101	.471	-.274
280	461	-.135	.067	.075	-.590
280	462	-.102	.043	.050	-.270
280	463	-.165	.053	.009	-.397
280	464	-.209	.057	-.051	-.488
280	465	-.267	.071	-.070	-.528
280	466	-.267	.062	-.101	-.509
280	467	-.281	.082	-.010	-.624
280	468	-.279	.091	-.010	-.839
280	469	-.288	.101	.006	-.989
280	470	-.164	.073	.155	-.487
280	471	-.283	.089	-.077	-.741
280	472	-.283	.102	-.010	-.899
280	473	-.058	.083	.358	-.357
280	474	-.134	.068	.143	-.387
280	475	-.271	.090	-.025	-1.075
280	476	-.272	.104	.005	-1.389
280	477	-.128	.074	.225	-.436

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	478	.008	.065	.310	-.230
280	479	.200	.091	.708	-.075
280	480	.127	.080	.483	-.132
280	481	.037	.074	.432	-.234
280	482	-.192	.096	.093	-.671
280	483	-.141	.111	.178	-.617
280	484	-.034	.065	.206	-.298
280	485	-.041	.053	.158	-.212
280	486	-.047	.044	.107	-.199
280	487	-.059	.051	.123	-.256
280	488	-.032	.053	.146	-.202
280	489	-.045	.058	.215	-.255
280	490	.067	.077	.358	-.158
280	491	-.112	.060	.104	-.366
280	492	-.084	.048	.077	-.248
280	493	-.144	.050	.028	-.333
280	494	-.182	.047	-.034	-.411
280	495	-.261	.077	-.051	-.853
280	496	-.258	.077	-.058	-.839
280	497	-.267	.088	-.044	-1.001
280	498	-.255	.078	-.060	-.717
280	499	-.266	.108	-.032	-.965
280	801	-.296	.053	-.102	-.491
280	802	-.270	.052	-.101	-.473
280	803	-.270	.053	-.112	-.502
280	804	-.270	.047	-.129	-.483
280	805	-.025	.103	.386	-.488
280	806	-.081	.069	.175	-.399
280	807	-.065	.065	.156	-.414
280	808	-.051	.050	.145	-.230
280	901	-.354	.154	.161	-1.103
280	902	-.166	.110	.270	-.561
280	903	-.373	.143	.095	-1.108
280	904	-.263	.174	.393	-.910
280	905	-.220	.107	.170	-.759
280	906	-.170	.113	.322	-.512
280	907	-.344	.147	.140	-1.027
280	908	-.195	.086	.111	-.600
280	909	-.466	.182	.290	-1.552
280	910	-.169	.158	.315	-.915
280	911	-.255	.094	.191	-.633
280	912	-.325	.056	-.165	-.581
280	913	-.304	.055	-.149	-.553
280	914	-.306	.059	-.105	-.517
280	915	-.307	.054	-.124	-.498
280	916	-.379	.168	.146	-1.008
280	917	-.480	.247	.297	-1.428
280	918	-.300	.119	.152	-.791
280	919	-.481	.158	.088	-1.253
280	920	-.261	.221	.383	-1.250

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	921	-.564	.210	.125	-1.689
280	922	-.287	.113	.057	-.862
280	923	-.442	.214	.254	-1.224
280	924	-.207	.101	.182	-.793
280	925	-.396	.151	.036	-1.184
280	926	-.517	.147	.060	-1.456
280	927	-.116	.123	.271	-.774
280	928	-.056	.133	.451	-.714
280	929	-.100	.131	.289	-1.262
280	930	-.011	.088	.350	-.316
290	1	-.425	.120	-.100	-.895
290	2	-.103	.089	.305	-.411
290	3	-.456	.161	.067	-1.404
290	4	-.504	.178	-.107	-1.214
290	101	-.329	.092	.017	-.714
290	102	-.329	.070	-.065	-.588
290	103	-.340	.076	-.099	-.699
290	104	-.313	.081	-.057	-.736
290	105	-.321	.092	-.015	-.963
290	106	-.346	.089	-.097	-.868
290	107	-.357	.101	-.047	-.979
290	108	-.326	.099	.010	-1.123
290	109	-.348	.110	.054	-1.102
290	110	-.365	.097	.280	-.868
290	111	-.379	.116	.231	-.837
290	112	-.359	.099	.109	-.764
290	113	-.359	.097	.019	-.719
290	114	-.358	.079	-.065	-.658
290	115	-.388	.098	-.012	-.944
290	116	-.356	.088	-.034	-.700
290	117	-.370	.086	-.085	-.741
290	118	-.384	.074	-.139	-.705
290	119	-.389	.089	-.037	-.699
290	120	-.280	.083	.037	-.579
290	121	-.202	.078	.134	-.514
290	122	-.219	.138	.196	-.754
290	123	-.413	.217	.388	-1.142
290	124	-.334	.083	-.101	-.769
290	125	-.325	.078	-.044	-.865
290	126	-.327	.058	-.127	-.598
290	127	-.342	.070	-.064	-.699
290	128	-.316	.071	-.049	-.717
290	129	-.328	.076	-.068	-.702
290	130	-.336	.062	-.110	-.653
290	131	-.348	.070	-.044	-.807
290	132	-.323	.069	-.034	-.645
290	133	-.334	.076	-.056	-.727
290	134	-.345	.064	-.097	-.601
290	135	-.351	.073	-.059	-.639
290	136	-.323	.070	-.057	-.638
290	137	-.320	.066	-.083	-.551
290	138	-.344	.058	-.164	-.663
290	139	-.356	.067	-.137	-.682
290	140	-.320	.065	-.098	-.584
290	141	-.319	.067	-.085	-.566
290	142	-.258	.053	-.085	-.427
290	143	-.189	.068	.116	-.414
290	144	.001	.087	.444	-.286
290	145	-.109	.281	.636	-1.160
290	146	-.294	.243	.518	-1.102
290	147	-.382	.082	-.119	-.742
290	148	-.340	.074	-.113	-.645
290	149	-.341	.066	-.129	-.680
290	150	-.352	.056	-.184	-.556
290	151	-.373	.068	-.177	-.649
290	152	-.349	.080	-.116	-.870
290	153	-.347	.070	-.139	-.797
290	154	-.357	.059	-.134	-.744
290	155	-.375	.068	-.179	-.744
290	156	-.342	.067	-.162	-.682
290	157	-.332	.058	-.163	-.573
290	158	-.335	.050	-.191	-.541
290	159	-.358	.058	-.192	-.592
290	160	-.311	.059	-.071	-.530
290	161	-.336	.068	-.112	-.709
290	162	-.338	.054	-.159	-.576
290	163	-.347	.062	-.127	-.604
290	164	-.311	.060	-.076	-.566
290	165	-.253	.060	-.017	-.478
290	166	-.181	.058	.074	-.402
290	167	-.049	.090	.443	-.344
290	168	-.264	.333	.687	-1.545
290	169	-.449	.286	.585	-1.941
290	170	-.384	.077	-.152	-.764
290	171	-.396	.087	-.107	-.819
290	172	-.356	.080	-.074	-.754
290	173	-.342	.072	.077	-.691
290	174	-.324	.065	-.043	-.645
290	175	-.350	.087	.015	-1.026
290	176	-.355	.073	-.082	-.798
290	177	-.356	.074	-.017	-.757
290	178	-.354	.075	-.131	-.851
290	179	-.371	.093	-.089	-1.342
290	180	-.372	.074	-.132	-.743
290	181	-.345	.071	-.132	-.628
290	182	-.333	.067	-.129	-.622
290	183	-.343	.088	-.099	-.894
290	184	-.390	.104	-.077	-1.116
290	185	-.379	.093	-.089	-.970
290	186	-.353	.080	-.087	-.805
290	187	-.357	.087	-.106	-.825
290	188	-.345	.072	-.020	-.670
290	189	-.302	.076	.065	-.797
290	190	-.294	.121	.094	-.944
290	191	-.815	.330	.240	-2.124
290	192	-.898	.290	.032	-2.085
290	193	-.393	.090	-.122	-1.256
290	194	-.375	.075	-.138	-.831
290	195	-.372	.077	-.122	-.741
290	196	-.396	.078	-.148	-.779
290	197	-.406	.087	-.139	-.881
290	198	-.303	.080	-.048	-.729
290	199	-.303	.085	-.048	-.692
290	200	-.306	.074	-.070	-.608
290	201	-.303	.069	-.078	-.687
290	202	-.287	.063	-.089	-.680
290	203	-.302	.070	-.071	-.607
290	204	-.313	.065	-.032	-.584
290	205	-.330	.070	-.036	-.668
290	206	-.332	.064	-.036	-.622
290	207	-.367	.081	-.103	-.718
290	208	-.393	.092	-.094	-.980
290	209	-.413	.118	-.104	-1.452
290	210	-.398	.108	-.078	-1.252
290	211	-.419	.124	-.043	-1.240
290	212	-.473	.126	-.106	-1.073
290	213	-.474	.142	.161	-1.050
290	214	-.546	.163	-.113	-1.150
290	215	-.537	.167	-.117	-1.562
290	216	-.544	.158	-.177	-1.291
290	217	-.277	.061	-.075	-.560
290	218	-.254	.051	-.073	-.511
290	219	-.283	.057	-.085	-.549
290	220	-.334	.060	-.139	-.646
290	221	-.373	.092	-.054	-.970
290	222	-.377	.092	-.071	-1.067
290	223	-.248	.077	-.027	-.628
290	224	-.256	.067	-.049	-.530
290	225	-.247	.058	-.068	-.523
290	226	-.230	.048	-.071	-.495
290	227	-.241	.057	-.064	-.583
290	228	-.255	.056	-.077	-.485
290	229	-.247	.063	-.052	-.499
290	230	-.234	.054	-.050	-.416
290	231	-.259	.061	-.041	-.474
290	232	-.305	.065	-.082	-.625
290	233	-.316	.071	-.080	-.656
290	234	-.305	.064	-.087	-.645
290	235	-.348	.087	-.057	-.836
290	236	-.389	.091	-.060	-.795

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	237	-.471	.164	.014	-1.284
290	238	-.441	.128	.015	-.951
290	239	-.520	.190	.143	-1.687
290	240	-.512	.155	-.098	-1.296
290	241	-.491	.150	-.160	-1.480
290	242	-.274	.058	.024	-.525
290	243	-.267	.056	-.057	-.505
290	244	-.275	.054	-.079	-.509
290	245	-.276	.054	-.075	-.530
290	246	-.277	.051	-.106	-.495
290	247	-.265	.068	-.041	-.610
290	248	-.242	.061	-.039	-.608
290	249	-.234	.055	-.077	-.547
290	250	-.247	.052	-.086	-.525
290	251	-.266	.063	-.071	-.619
290	252	-.230	.057	-.021	-.431
290	253	-.222	.056	.022	-.405
290	254	-.241	.049	.024	-.401
290	255	-.297	.054	-.056	-.497
290	256	-.310	.064	-.133	-.630
290	257	-.293	.054	-.113	-.588
290	258	-.288	.047	-.133	-.564
290	259	-.304	.055	-.134	-.595
290	260	-.312	.067	-.106	-.609
290	261	-.352	.077	-.123	-.684
290	262	-.346	.062	-.145	-.584
290	263	-.366	.078	-.112	-.708
290	264	-.353	.080	-.092	-.745
290	265	-.371	.109	.027	-.901
290	266	-.396	.103	-.050	-.854
290	267	-.578	.177	-.068	-1.484
290	268	-.626	.205	-.180	-1.522
290	269	-.593	.194	-.130	-1.405
290	270	-.252	.061	-.067	-.523
290	271	-.595	.207	.052	-1.516
290	272	-.683	.284	-.048	-1.915
290	273	-.229	.061	-.048	-.511
290	274	-.240	.057	-.072	-.513
290	275	-.619	.155	-.164	-1.347
290	276	-.602	.158	-.158	-1.366
290	277	-.227	.061	-.053	-.511
290	278	-.233	.052	-.084	-.464
290	279	-.240	.053	-.066	-.421
290	280	-.225	.056	-.002	-.494
290	281	-.225	.060	-.038	-.532
290	282	-.230	.048	-.074	-.406
290	283	-.232	.051	-.053	-.428
290	284	-.211	.051	-.028	-.384
290	285	-.223	.063	.041	-.547
290	286	-.242	.074	.038	-.591

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	287	-.298	.062	-.049	-.600
290	288	-.260	.057	-.026	-.484
290	289	-.286	.065	-.086	-.578
290	290	-.305	.064	-.096	-.550
290	291	-.323	.069	-.093	-.693
290	292	-.313	.075	-.077	-.665
290	293	-.337	.080	-.005	-.716
290	294	-.351	.074	-.052	-.791
290	295	-.346	.073	-.051	-.735
290	296	-.318	.069	-.028	-.606
290	297	-.428	.108	-.111	-.954
290	298	-.562	.135	-.120	-1.220
290	299	-.599	.156	-.078	-1.313
290	301	.187	.128	.718	-.362
290	302	.265	.122	.721	-.217
290	303	.188	.157	.746	-.463
290	304	.120	.164	.750	-.537
290	305	.017	.167	.691	-.659
290	306	-.533	.176	-.062	-1.752
290	307	-.583	.208	.211	-1.630
290	308	-.439	.212	.364	-1.175
290	309	-.348	.179	.238	-.985
290	310	-.370	.139	.093	-1.119
290	311	-.456	.187	.253	-1.483
290	312	-.274	.166	.576	-1.145
290	313	-.312	.234	.831	-1.268
290	314	.124	.338	1.153	-.899
290	315	-.192	.211	.671	-1.300
290	316	-.131	.143	.498	-.800
290	317	-.204	.130	.546	-.736
290	318	-.280	.103	.221	-.930
290	319	-.528	.187	-.075	-2.292
290	320	-.479	.169	-.052	-2.087
290	321	-.443	.160	.014	-1.329
290	322	-.368	.115	.003	-.957
290	323	-.408	.130	.011	-1.102
290	324	.412	.171	1.029	-.308
290	325	.535	.181	1.424	-.002
290	326	.576	.184	1.389	.010
290	327	.274	.179	1.050	-.240
290	328	.069	.142	.823	-.416
290	329	-.455	.157	.014	-1.336
290	330	-.445	.138	.035	-1.225
290	331	-.496	.206	.406	-1.420
290	332	-.378	.224	.375	-1.499
290	333	-.336	.187	.235	-1.300
290	334	-.296	.140	.177	-.960
290	335	-.138	.208	.822	-.865
290	336	-.277	.169	.357	-.967
290	337	-.032	.375	1.191	-1.173

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	338	-.108	.185	.577	-.955
290	339	-.148	.144	.502	-.956
290	340	-.218	.108	.384	-.738
290	341	-.312	.109	.152	-.811
290	342	-.428	.118	-.147	-1.160
290	343	-.491	.148	-.121	-1.397
290	344	-.422	.127	-.039	-1.182
290	345	-.357	.096	-.016	-.845
290	346	-.341	.085	-.109	-.872
290	347	.349	.167	1.011	-.168
290	348	.531	.185	1.340	.057
290	349	.618	.205	1.361	-.011
290	350	.259	.135	.773	-.195
290	351	-.012	.128	.567	-.451
290	352	-.404	.127	-.002	-1.280
290	353	-.432	.139	-.068	-1.368
290	354	-.442	.143	-.107	-1.232
290	355	-.518	.230	.306	-1.762
290	356	-.391	.165	.133	-1.591
290	357	-.251	.118	.134	-.736
290	358	-.157	.104	.401	-.557
290	359	-.302	.138	.176	-1.239
290	360	-.270	.235	1.132	-1.778
290	361	-.200	.182	.564	-.849
290	362	-.151	.114	.343	-.595
290	363	-.271	.118	.534	-.726
290	364	-.309	.113	.117	-.782
290	365	-.502	.156	-.059	-1.449
290	366	-.469	.133	-.138	-1.016
290	367	-.462	.131	-.114	-1.125
290	368	-.363	.093	-.050	-.775
290	369	-.363	.097	-.066	-.915
290	370	-.050	.110	.440	-.512
290	371	.218	.164	.848	-.437
290	372	.557	.197	1.383	-.112
290	373	.284	.150	.978	-.168
290	374	.036	.117	.554	-.372
290	375	-.617	.213	-.157	-1.956
290	376	-.603	.201	-.063	-1.631
290	377	-.520	.267	.277	-1.949
290	378	-.368	.246	.258	-1.453
290	379	-.320	.214	.216	-1.199
290	380	-.259	.122	.142	-.776
290	381	-.101	.138	.564	-.599
290	382	-.238	.109	.227	-.896
290	383	-.054	.279	1.096	-1.199
290	384	-.143	.154	.441	-.840
290	385	-.139	.103	.522	-.537
290	386	-.254	.089	.203	-.602
290	387	-.365	.115	.128	-.835

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	388	-.527	.149	-.160	-1.263
290	389	-.537	.162	-.114	-1.749
290	390	-.458	.130	-.095	-1.176
290	391	-.391	.107	-.088	-1.083
290	392	-.369	.096	-.089	-.947
290	393	-.213	.159	.317	-1.123
290	394	-.207	.116	.184	-.709
290	395	-.070	.164	.666	-.533
290	396	-.175	.131	.365	-.797
290	397	.068	.243	1.131	-1.015
290	398	-.269	.121	.153	-.714
290	399	-.091	.191	.575	-.802
290	400	.418	.259	1.306	-.562
290	401	.316	.178	.926	-.660
290	402	.114	.141	.679	-.590
290	403	-.670	.289	.452	-2.275
290	404	-.598	.311	.294	-1.895
290	405	-.384	.335	.522	-1.872
290	406	-.212	.179	.352	-1.289
290	407	-.182	.148	.326	-1.033
290	408	-.100	.093	.254	-.697
290	409	-.131	.090	.171	-.549
290	410	-.227	.088	.061	-.616
290	411	-.334	.122	.026	-.888
290	412	-.484	.150	-.082	-1.215
290	413	-.480	.167	-.086	-1.345
290	414	-.379	.132	-.060	-1.107
290	415	-.321	.106	.035	-.911
290	416	-.304	.095	.016	-.918
290	417	-.574	.263	.319	-1.869
290	418	-.538	.249	.127	-1.694
290	419	-.194	.181	.383	-1.187
290	420	-.111	.071	.170	-.367
290	421	-.200	.083	.065	-.514
290	422	-.278	.085	-.031	-.692
290	423	-.239	.119	.238	-.676
290	424	-.033	.166	.629	-.488
290	425	.305	.272	1.020	-.672
290	426	.238	.148	.885	-.491
290	427	.030	.157	.735	-.619
290	428	-.524	.242	.161	-1.845
290	429	-.503	.266	.242	-1.676
290	430	-.312	.210	.189	-1.237
290	431	-.194	.147	.200	-1.087
290	432	-.144	.078	.137	-.583
290	433	-.130	.073	.157	-.509
290	434	-.144	.056	.056	-.396
290	435	-.208	.070	.047	-.586
290	436	-.241	.073	-.015	-.733
290	437	-.320	.101	-.086	-.890

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	438	-.322	.093	-.093	-.922
290	439	-.306	.105	.002	-1.085
290	440	-.262	.087	-.020	-.802
290	441	-.269	.097	-.006	-.869
290	442	-.155	.076	.099	-.571
290	443	-.146	.067	.104	-.398
290	444	-.112	.064	.159	-.360
290	445	-.134	.067	.157	-.469
290	446	-.071	.111	.556	-.365
290	447	-.219	.110	.352	-.679
290	448	-.028	.138	.525	-.524
290	449	.315	.150	.945	-.303
290	450	.230	.090	.665	-.106
290	451	.050	.107	.508	-.366
290	452	-.490	.187	.158	-1.591
290	453	-.437	.189	.193	-1.377
290	454	-.257	.133	.131	-.880
290	455	-.164	.106	.150	-.910
290	456	-.139	.080	.147	-.753
290	457	-.136	.064	.076	-.474
290	458	-.099	.049	.075	-.330
290	459	-.142	.066	.086	-.458
290	460	-.022	.127	.539	-.450
290	461	-.157	.076	.240	-.574
290	462	-.131	.046	.058	-.349
290	463	-.177	.053	.023	-.385
290	464	-.202	.054	-.024	-.426
290	465	-.241	.064	-.052	-.656
290	466	-.239	.055	-.043	-.577
290	467	-.250	.068	-.029	-.715
290	468	-.248	.076	-.003	-.661
290	469	-.255	.081	-.024	-.729
290	470	-.162	.081	.134	-.515
290	471	-.251	.074	-.046	-.745
290	472	-.247	.079	-.055	-.824
290	473	-.032	.100	.451	-.415
290	474	-.123	.071	.221	-.381
290	475	-.250	.074	-.043	-.674
290	476	-.247	.081	-.040	-.720
290	477	-.124	.080	.285	-.460
290	478	.031	.078	.390	-.196
290	479	.248	.111	.772	-.076
290	480	.137	.091	.490	-.128
290	481	.012	.083	.839	-.277
290	482	-.325	.112	.007	-.904
290	483	-.256	.138	.185	-1.150
290	484	-.090	.071	.137	-.457
290	485	-.094	.055	.100	-.340
290	486	-.102	.049	.061	-.309
290	487	-.125	.061	.060	-.382

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	488	-.071	.060	.239	-.332
290	489	-.109	.057	.102	-.481
290	490	.060	.101	.663	-.186
290	491	-.147	.066	.103	-.427
290	492	-.111	.046	.059	-.268
290	493	-.159	.047	.023	-.347
290	494	-.187	.044	-.040	-.377
290	495	-.236	.064	-.050	-.592
290	496	-.229	.064	-.043	-.575
290	497	-.231	.064	-.029	-.478
290	498	-.235	.064	-.043	-.610
290	499	-.249	.086	-.027	-.955
290	801	-.315	.059	-.093	-.605
290	802	-.290	.054	-.114	-.577
290	803	-.283	.059	-.101	-.581
290	804	-.275	.051	-.106	-.474
290	805	-.120	.114	.341	-.684
290	806	-.149	.078	.092	-.554
290	807	-.139	.080	.081	-.534
290	808	-.114	.051	.080	-.327
290	901	-.484	.168	.109	-1.259
290	902	-.275	.122	.215	-.759
290	903	-.506	.134	-.073	-1.228
290	904	-.420	.169	.369	-1.108
290	905	-.320	.115	.246	-.864
290	906	-.261	.124	.369	-.708
290	907	-.472	.134	-.012	-1.082
290	908	-.294	.121	.176	-.729
290	909	-.512	.135	-.156	-1.181
290	910	-.375	.139	.224	-.843
290	911	-.262	.101	.185	-.784
290	912	-.382	.078	-.132	-1.117
290	913	-.364	.077	-.106	-1.242
290	914	-.368	.076	-.130	-.819
290	915	-.364	.065	-.164	-.642
290	916	-.442	.198	.162	-1.486
290	917	-.542	.165	.061	-1.321
290	918	-.320	.145	.192	-1.150
290	919	-.570	.202	.111	-1.225
290	920	-.447	.169	.276	-1.054
290	921	-.554	.155	-.103	-1.328
290	922	-.305	.129	.233	-.915
290	923	-.579	.172	.003	-2.175
290	924	-.209	.122	.240	-.655
290	925	-.396	.118	.012	-1.118
290	926	-.519	.114	-.189	-1.040
290	927	-.258	.179	.322	-1.223
290	928	-.143	.197	.558	-1.134
290	929	-.268	.184	.208	-1.824
290	930	-.094	.109	.315	-.541

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	1	-.385	.104	-.094	-.843
300	2	-.102	.075	.262	-.419
300	3	-.448	.152	-.052	-1.329
300	4	-.474	.155	-.058	-1.177
300	101	-.339	.092	-.029	-.864
300	102	-.339	.074	-.032	-.702
300	103	-.358	.085	-.029	-.831
300	104	-.342	.090	-.043	-.746
300	105	-.361	.100	-.043	-.965
300	106	-.394	.106	-.110	-1.041
300	107	-.405	.116	-.069	-1.492
300	108	-.381	.112	-.041	-1.153
300	109	-.394	.106	-.056	-1.158
300	110	-.418	.102	-.064	-1.146
300	111	-.436	.110	.146	-.994
300	112	-.420	.105	.122	-.826
300	113	-.409	.101	-.041	-.958
300	114	-.395	.083	-.096	-.743
300	115	-.434	.107	-.049	-1.364
300	116	-.398	.090	-.046	-.787
300	117	-.397	.081	-.121	-.763
300	118	-.405	.069	-.167	-.711
300	119	-.383	.082	-.091	-.708
300	120	-.267	.083	.032	-.544
300	121	-.164	.096	.212	-.550
300	122	-.105	.124	.329	-.755
300	123	-.240	.241	.600	-1.006
300	124	-.339	.078	-.044	-.763
300	125	-.333	.079	-.068	-.683
300	126	-.338	.062	-.123	-.567
300	127	-.364	.073	-.113	-.631
300	128	-.346	.076	-.063	-.661
300	129	-.386	.108	-.082	-1.014
300	130	-.384	.081	-.127	-.939
300	131	-.393	.082	-.118	-.733
300	132	-.370	.080	-.110	-.787
300	133	-.381	.086	-.075	-.873
300	134	-.387	.067	-.101	-.733
300	135	-.391	.074	-.064	-.814
300	136	-.369	.074	-.080	-.763
300	137	-.354	.071	-.101	-.688
300	138	-.380	.068	-.171	-.812
300	139	-.383	.070	-.152	-.668
300	140	-.353	.066	-.124	-.624
300	141	-.357	.070	-.128	-.673
300	142	-.260	.059	.048	-.479
300	143	-.170	.078	.272	-.426
300	144	.046	.100	.585	-.268
300	145	.039	.272	.760	-1.204
300	146	-.105	.267	.698	-1.056

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	147	-.391	.081	-.138	-.917
300	148	-.353	.075	-.119	-1.248
300	149	-.355	.068	-.130	-.635
300	150	-.363	.059	-.140	-.621
300	151	-.396	.076	-.123	-.745
300	152	-.396	.114	.007	-1.609
300	153	-.399	.109	-.111	-1.419
300	154	-.397	.079	-.164	-.912
300	155	-.418	.092	-.177	-1.213
300	156	-.388	.088	-.173	-.897
300	157	-.385	.081	-.142	-.893
300	158	-.380	.064	-.186	-.689
300	159	-.409	.078	-.167	-.762
300	160	-.361	.074	-.146	-.644
300	161	-.373	.078	-.142	-.770
300	162	-.370	.060	-.198	-.638
300	163	-.381	.069	-.180	-.661
300	164	-.347	.068	-.152	-.622
300	165	-.273	.065	-.005	-.577
300	166	-.171	.065	.117	-.438
300	167	.004	.103	.457	-.700
300	168	-.137	.334	.717	-1.229
300	169	-.269	.335	.823	-1.465
300	170	-.391	.090	-.147	-.819
300	171	-.402	.099	-.130	-.856
300	172	-.363	.089	-.088	-.873
300	173	-.349	.079	-.027	-.711
300	174	-.337	.074	-.068	-.706
300	175	-.375	.108	.042	-1.021
300	176	-.376	.091	-.020	-.866
300	177	-.393	.099	.082	-.852
300	178	-.395	.099	.090	-1.064
300	179	-.416	.125	.044	-1.295
300	180	-.405	.094	-.183	-.952
300	181	-.371	.083	-.053	-.725
300	182	-.367	.080	-.088	-.734
300	183	-.400	.111	-.026	-1.003
300	184	-.451	.133	-.017	-1.290
300	185	-.438	.120	-.127	-1.281
300	186	-.416	.108	-.093	-1.213
300	187	-.420	.117	-.104	-1.124
300	188	-.376	.087	.006	-.735
300	189	-.306	.087	.133	-.734
300	190	-.277	.125	.149	-.909
300	191	-.715	.352	.129	-2.774
300	192	-.815	.303	.101	-2.121
300	193	-.415	.136	.404	-1.544
300	194	-.407	.098	.228	-1.030
300	195	-.392	.104	.229	-.877
300	196	-.427	.102	.087	-.914

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	197	-.426	.116	.097	-1.171
300	198	-.306	.078	.077	-.643
300	199	-.311	.084	.077	-.665
300	200	-.325	.077	.075	-.665
300	201	-.346	.070	.024	-.841
300	202	-.321	.090	.006	-.744
300	203	-.326	.084	.006	-.716
300	204	-.335	.087	.059	-.695
300	205	-.342	.084	.172	-.715
300	206	-.333	.105	.124	-.934
300	207	-.393	.112	.015	-.958
300	208	-.414	.146	.052	-.984
300	209	-.418	.131	.024	-1.147
300	210	-.406	.147	.012	-1.359
300	211	-.425	.117	.078	-1.382
300	212	-.436	.114	.032	-1.026
300	213	-.419	.128	.093	-1.020
300	214	-.447	.139	.125	-1.204
300	215	-.464	.128	.141	-1.204
300	216	-.468	.073	.049	-.714
300	217	-.295	.061	.033	-.606
300	218	-.273	.073	.042	-.644
300	219	-.297	.072	.050	-.677
300	220	-.332	.087	.023	-1.151
300	221	-.361	.084	.088	-.923
300	222	-.356	.077	.029	-.577
300	223	-.256	.068	.059	-.560
300	224	-.259	.060	.051	-.486
300	225	-.251	.052	.047	-.519
300	226	-.278	.061	.054	-.584
300	227	-.251	.061	.045	-.598
300	228	-.262	.060	.009	-.484
300	229	-.261	.050	.017	-.398
300	230	-.244	.056	.063	-.509
300	231	-.263	.062	.118	-.612
300	232	-.305	.067	.079	-.599
300	233	-.304	.057	.083	-.510
300	234	-.289	.073	.068	-.579
300	235	-.282	.075	.134	-.716
300	236	-.355	.135	.007	-.994
300	237	-.422	.106	.001	-.848
300	238	-.393	.154	.001	-.840
300	239	-.442	.132	.064	-.845
300	240	-.438	.134	.064	-.845
300	241	-.427	.051	.056	-.583
300	242	-.249	.053	.065	-.483
300	243	-.256	.052	.080	-.483
300	244	-.265	.054	.088	-.447
300	245	-.266	.050	.093	-.469
300	246	-.264	.049	.097	-.469

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	247	-.290	.074	-.078	-.656
300	248	-.249	.062	.001	-.537
300	249	-.234	.053	-.062	-.429
300	250	-.240	.047	-.074	-.496
300	251	-.263	.055	-.071	-.616
300	252	-.240	.053	-.043	-.473
300	253	-.238	.048	-.021	-.415
300	254	-.248	.043	-.050	-.398
300	255	-.289	.051	-.120	-.488
300	256	-.288	.058	-.131	-.581
300	257	-.277	.051	-.101	-.495
300	258	-.271	.045	-.123	-.488
300	259	-.290	.052	-.100	-.525
300	260	-.292	.060	-.112	-.532
300	261	-.323	.070	-.104	-.647
300	262	-.319	.058	-.135	-.581
300	263	-.349	.074	-.105	-.835
300	264	-.338	.077	-.085	-.823
300	265	-.363	.103	-.017	-.804
300	266	-.378	.096	-.052	-.803
300	267	-.532	.176	-.044	-1.184
300	268	-.558	.204	-.139	-1.504
300	269	-.549	.188	-.130	-1.545
300	270	-.254	.058	-.089	-.676
300	271	-.572	.197	-.014	-1.297
300	272	-.636	.273	.003	-1.912
300	273	-.242	.061	-.050	-.543
300	274	-.251	.057	-.081	-.552
300	275	-.554	.148	-.199	-1.132
300	276	-.526	.152	-.148	-1.162
300	277	-.238	.061	-.036	-.533
300	278	-.240	.052	-.069	-.491
300	279	-.248	.052	-.066	-.474
300	280	-.229	.052	-.043	-.554
300	281	-.233	.056	-.046	-.683
300	282	-.241	.049	-.067	-.447
300	283	-.249	.051	-.049	-.432
300	284	-.226	.051	-.019	-.380
300	285	-.232	.055	.003	-.432
300	286	-.256	.059	.009	-.537
300	287	-.287	.056	-.095	-.513
300	288	-.253	.053	-.075	-.456
300	289	-.268	.058	-.062	-.490
300	290	-.287	.056	-.118	-.500
300	291	-.315	.066	-.110	-.658
300	292	-.301	.067	-.048	-.598
300	293	-.327	.074	-.120	-.729
300	294	-.337	.068	-.140	-.744
300	295	-.352	.074	-.127	-.668
300	296	-.331	.072	-.085	-.642

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	297	-.414	.108	-.106	-.813
300	298	-.515	.142	-.184	-1.261
300	299	-.542	.163	-.152	-1.373
300	301	.184	.153	1.007	-.266
300	302	.221	.137	.815	-.147
300	303	.103	.156	.766	-.359
300	304	.011	.144	.599	-.435
300	305	-.084	.137	.536	-.476
300	306	-.466	.100	-.174	-1.394
300	307	-.526	.123	-.241	-1.622
300	308	-.491	.144	-.375	-1.247
300	309	-.467	.175	-.311	-1.241
300	310	-.431	.122	-.062	-.978
300	311	-.492	.141	-.112	-1.273
300	312	-.435	.115	-.162	-1.096
300	313	-.483	.168	-.270	-1.681
300	314	-.357	.237	-.817	-1.213
300	315	-.360	.241	-.539	-1.503
300	316	-.283	.191	-.336	-1.099
300	317	-.299	.157	-.353	-.953
300	318	-.331	.113	-.076	-.824
300	319	-.523	.169	-.066	-1.913
300	320	-.465	.159	-.046	-1.490
300	321	-.404	.128	-.041	-1.072
300	322	-.343	.089	-.069	-.935
300	323	-.387	.102	-.040	-.982
300	324	.468	.166	1.171	-.120
300	325	.554	.188	1.312	-.160
300	326	.524	.178	1.108	-.024
300	327	.174	.151	.675	-.321
300	328	-.033	.111	.373	-.456
300	329	-.464	.105	-.023	-1.163
300	330	-.452	.091	-.099	-1.042
300	331	-.522	.136	.185	-1.315
300	332	-.513	.181	.278	-1.385
300	333	-.463	.150	.094	-.955
300	334	-.384	.113	.044	-.885
300	335	-.384	.136	.349	-.919
300	336	-.415	.147	.296	-1.126
300	337	-.456	.263	.868	-1.381
300	338	-.318	.189	.521	-.942
300	339	-.281	.195	.417	-.968
300	340	-.278	.144	.224	-.916
300	341	-.341	.121	.062	-.879
300	342	-.461	.123	-.138	-1.131
300	343	-.499	.144	-.099	-1.184
300	344	-.394	.111	-.023	-.930
300	345	-.353	.087	-.080	-.797
300	346	-.335	.072	-.110	-.803
300	347	.431	.156	1.022	-.007

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	348	.594	.171	1.157	.155
300	349	.630	.198	1.362	.117
300	350	.200	.112	.610	-.179
300	351	-.108	.108	.363	-.500
300	352	-.540	.130	-.208	-1.330
300	353	-.542	.127	-.133	-1.317
300	354	-.551	.130	-.213	-1.335
300	355	-.671	.251	.213	-2.025
300	356	-.536	.170	.081	-1.258
300	357	-.362	.134	.092	-.884
300	358	-.250	.122	.333	-.649
300	359	-.410	.139	.110	-.971
300	360	-.410	.291	.724	-1.547
300	361	-.287	.225	.446	-1.356
300	362	-.198	.133	.394	-.785
300	363	-.304	.128	.220	-.748
300	364	-.340	.120	.167	-.759
300	365	-.494	.160	-.124	-1.374
300	366	-.462	.135	-.142	-1.183
300	367	-.467	.132	-.054	-1.102
300	368	-.389	.098	-.048	-1.001
300	369	-.390	.102	-.078	-.856
300	370	-.017	.115	.381	-.426
300	371	.251	.166	.808	-.312
300	372	.595	.200	1.282	-.097
300	373	.255	.137	.830	-.156
300	374	-.032	.114	.428	-.406
300	375	-.781	.257	-.088	-2.234
300	376	-.772	.248	-.160	-2.114
300	377	-.695	.327	.267	-2.478
300	378	-.506	.323	.203	-2.331
300	379	-.442	.271	.178	-1.576
300	380	-.352	.139	.102	-1.079
300	381	-.134	.163	.597	-.648
300	382	-.304	.125	.218	-.873
300	383	-.065	.328	.934	-1.199
300	384	-.182	.171	.518	-.984
300	385	-.173	.107	.234	-.631
300	386	-.286	.093	.104	-.795
300	387	-.395	.121	.002	-.985
300	388	-.551	.161	-.160	-1.421
300	389	-.535	.179	-.126	-1.502
300	390	-.461	.137	-.133	-1.321
300	391	-.402	.108	-.019	-.916
300	392	-.383	.101	-.060	-.995
300	393	-.274	.196	.540	-1.184
300	394	-.267	.137	.236	-.949
300	395	-.109	.188	.824	-.675
300	396	-.226	.153	.297	-.869
300	397	.005	.201	1.175	-1.371

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	398	-.296	.136	.213	-.712
300	399	-.138	.222	.662	-.775
300	400	.354	.327	1.239	-.765
300	401	.280	.198	.943	-.747
300	402	.073	.149	.651	-.698
300	403	-.733	.346	.438	-2.741
300	404	-.654	.361	.344	-2.395
300	405	-.464	.374	.432	-2.238
300	406	-.289	.220	.232	-1.885
300	407	-.240	.169	.383	-1.142
300	408	-.130	.107	.454	-.581
300	409	-.151	.105	.329	-.606
300	410	-.238	.098	.092	-.631
300	411	-.338	.131	.031	-.901
300	412	-.475	.152	-.101	-1.310
300	413	-.459	.172	-.069	-1.309
300	414	-.389	.139	-.041	-1.371
300	415	-.349	.125	.064	-1.306
300	416	-.334	.122	-.008	-1.345
300	417	-.625	.335	.536	-2.295
300	418	-.540	.306	.293	-2.075
300	419	-.227	.195	.410	-1.485
300	420	-.134	.080	.204	-.474
300	421	-.218	.096	.154	-.610
300	422	-.289	.092	.007	-.707
300	423	-.310	.119	.152	-.713
300	424	-.173	.175	.385	-.577
300	425	.174	.275	.832	-.813
300	426	.191	.143	.730	-.425
300	427	.005	.148	.662	-.572
300	428	-.563	.260	.247	-2.064
300	429	-.532	.292	.263	-2.017
300	430	-.345	.231	.118	-1.594
300	431	-.234	.170	.195	-1.302
300	432	-.175	.093	.137	-1.148
300	433	-.153	.089	.216	-.671
300	434	-.161	.064	.080	-.418
300	435	-.220	.078	.076	-.563
300	436	-.248	.079	.028	-.638
300	437	-.312	.097	-.043	-.801
300	438	-.314	.088	-.065	-.712
300	439	-.310	.105	.033	-1.006
300	440	-.276	.092	-.032	-.900
300	441	-.282	.107	-.020	-.975
300	442	-.172	.080	.080	-.837
300	443	-.166	.065	.066	-.432
300	444	-.131	.062	.128	-.431
300	445	-.160	.070	.077	-.413
300	446	-.092	.123	.592	-.686
300	447	-.275	.103	.120	-.700

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	448	-.105	.120	.323	-.531
300	449	-.271	.133	.804	-.396
300	450	-.201	.090	.549	-.123
300	451	-.015	.104	.541	-.414
300	452	-.571	.192	.075	-1.896
300	453	-.474	.198	.073	-1.357
300	454	-.246	.122	.045	-1.039
300	455	-.184	.090	.096	-.809
300	456	-.160	.076	.060	-.561
300	457	-.171	.070	.054	-.657
300	458	-.131	.053	.195	-.343
300	459	-.183	.073	.047	-.489
300	460	-.029	.140	.696	-.568
300	461	-.189	.078	.078	-.650
300	462	-.159	.048	.019	-.374
300	463	-.203	.055	.011	-.470
300	464	-.220	.056	-.015	-.460
300	465	-.255	.064	-.015	-.528
300	466	-.256	.056	-.053	-.538
300	467	-.269	.069	.054	-.668
300	468	-.269	.079	-.046	-.733
300	469	-.275	.090	-.020	-.952
300	470	-.175	.080	.142	-.499
300	471	-.275	.082	-.030	-1.009
300	472	-.265	.088	-.017	-1.107
300	473	-.054	.087	.588	-.377
300	474	-.133	.074	.279	-.393
300	475	-.271	.082	-.076	-.963
300	476	-.262	.089	-.049	-.975
300	477	-.135	.081	.227	-.497
300	478	-.000	.071	.441	-.266
300	479	.201	.101	.669	-.122
300	480	.094	.089	.582	-.160
300	481	-.031	.078	.373	-.274
300	482	-.365	.106	.024	-1.063
300	483	-.317	.128	.147	-.968
300	484	-.131	.067	.147	-.539
300	485	-.131	.059	.081	-.425
300	486	-.143	.054	.043	-.454
300	487	-.171	.072	.052	-.758
300	488	-.102	.065	.246	-.365
300	489	-.146	.061	.073	-.482
300	490	.033	.106	.621	-.266
300	491	-.164	.066	.057	-.487
300	492	-.131	.046	.046	-.310
300	493	-.179	.052	.004	-.353
300	494	-.207	.048	-.053	-.376
300	495	-.254	.068	-.025	-.559
300	496	-.241	.067	-.024	-.549
300	497	-.247	.063	-.051	-.573

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	498	-.256	.064	-.078	-.716
300	499	-.271	.084	-.061	-.842
300	801	-.307	.058	-.093	-.525
300	802	-.283	.054	-.077	-.505
300	803	-.276	.055	-.118	-.521
300	804	-.268	.049	-.108	-.432
300	805	-.155	.124	.294	-.705
300	806	-.188	.093	.121	-.764
300	807	-.180	.099	.105	-.703
300	808	-.159	.059	.065	-.495
300	901	-.519	.161	-.078	-1.415
300	902	-.381	.125	.205	-.894
300	903	-.519	.113	-.232	-1.128
300	904	-.504	.162	.132	-1.152
300	905	-.401	.119	.133	-.975
300	906	-.354	.114	.160	-.894
300	907	-.481	.116	-.109	-1.104
300	908	-.392	.119	.168	-1.164
300	909	-.501	.109	-.201	-1.095
300	910	-.470	.124	-.080	-.988
300	911	-.348	.089	.106	-.678
300	912	-.444	.107	-.036	-1.326
300	913	-.424	.100	-.024	-1.211
300	914	-.410	.101	.080	-1.035
300	915	-.393	.079	.045	-.749
300	916	-.452	.191	.162	-1.336
300	917	-.496	.128	-.169	-1.607
300	918	-.369	.138	.141	-.961
300	919	-.490	.182	.268	-1.451
300	920	-.485	.140	.164	-1.194
300	921	-.504	.112	-.193	-1.168
300	922	-.392	.123	-.033	-1.017
300	923	-.525	.125	-.152	-1.267
300	924	-.307	.111	.167	-.715
300	925	-.442	.107	.092	-.927
300	926	-.512	.104	-.220	-1.063
300	927	-.361	.218	.277	-1.831
300	928	-.219	.241	.534	-1.937
300	929	-.355	.219	.323	-1.678
300	930	-.148	.141	.371	-.786
310	1	-.425	.122	-.107	-.998
310	2	-.085	.083	.366	-.435
310	3	-.472	.156	.228	-1.375
310	4	-.518	.168	-.059	-1.249
310	101	-.359	.101	-.069	-.828
310	102	-.355	.084	-.114	-.812
310	103	-.378	.101	-.024	-.969
310	104	-.371	.110	.005	-.910
310	105	-.384	.122	-.007	-1.161
310	106	-.435	.141	-.020	-1.186

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	107	-.439	.147	.068	-1.324
310	108	-.422	.144	.097	-1.408
310	109	-.442	.132	-.044	-1.097
310	110	-.468	.122	-.082	-1.272
310	111	-.479	.125	-.012	-1.071
310	112	-.458	.114	.057	-.997
310	113	-.458	.118	-.056	-.948
310	114	-.436	.098	-.127	-.859
310	115	-.483	.131	-.074	-1.189
310	116	-.445	.105	-.106	-1.061
310	117	-.453	.098	-.066	-.940
310	118	-.456	.083	-.161	-.862
310	119	-.378	.099	.088	-.827
310	120	-.235	.105	.337	-.653
310	121	-.118	.105	.367	-.551
310	122	-.023	.107	.425	-.448
310	123	-.057	.215	.675	-.951
310	124	-.339	.085	-.020	-.757
310	125	-.346	.084	-.047	-.774
310	126	-.348	.067	-.062	-.634
310	127	-.380	.088	.016	-.797
310	128	-.369	.095	.047	-.774
310	129	-.436	.151	-.039	-1.291
310	130	-.425	.110	-.035	-.859
310	131	-.430	.107	.043	-.874
310	132	-.415	.101	-.067	-.792
310	133	-.435	.115	-.081	-1.092
310	134	-.435	.087	-.124	-.847
310	135	-.428	.094	-.084	-.929
310	136	-.416	.095	-.072	-.930
310	137	-.392	.096	-.103	-.989
310	138	-.429	.099	-.169	-1.109
310	139	-.428	.094	-.157	-1.149
310	140	-.391	.086	-.156	-.849
310	141	-.391	.085	-.140	-.914
310	142	-.228	.070	.153	-.453
310	143	-.104	.098	.490	-.394
310	144	.154	.131	.730	-.195
310	145	.236	.207	.992	-.789
310	146	.128	.243	.834	-.815
310	147	-.403	.093	-.104	-.859
310	148	-.367	.086	-.106	-.938
310	149	-.364	.070	-.122	-.634
310	150	-.377	.066	-.112	-.661
310	151	-.413	.091	-.064	-.881
310	152	-.445	.152	-.062	-1.645
310	153	-.455	.141	-.086	-1.276
310	154	-.442	.096	-.176	-.785
310	155	-.465	.106	-.169	-.954
310	156	-.441	.107	-.143	-1.202
310	157	-.427	.094	-.137	-.801
310	158	-.410	.073	-.171	-.674
310	159	-.444	.091	-.157	-.789
310	160	-.388	.082	-.133	-.722
310	161	-.398	.090	-.159	-.843
310	162	-.386	.065	-.211	-.649
310	163	-.394	.073	-.154	-.682
310	164	-.363	.071	-.124	-.646
310	165	-.266	.075	.042	-.529
310	166	-.132	.072	.190	-.342
310	167	.089	.115	.630	-.254
310	168	.114	.280	.935	-1.207
310	169	-.087	.309	.975	-1.354
310	170	-.402	.088	-.134	-.750
310	171	-.412	.096	-.117	-.804
310	172	-.367	.081	-.116	-.762
310	173	-.369	.082	-.065	-.771
310	174	-.363	.080	-.084	-.715
310	175	-.427	.136	.026	-1.148
310	176	-.423	.116	-.001	-1.258
310	177	-.434	.115	.030	-1.057
310	178	-.440	.105	-.133	-.966
310	179	-.464	.124	-.154	-1.379
310	180	-.449	.096	-.152	-.922
310	181	-.424	.102	-.147	-.841
310	182	-.420	.098	-.149	-.841
310	183	-.453	.114	-.124	-1.046
310	184	-.495	.125	-.133	-1.375
310	185	-.471	.112	-.121	-1.193
310	186	-.440	.095	-.135	-1.065
310	187	-.448	.103	-.091	-1.358
310	188	-.386	.082	-.076	-.852
310	189	-.303	.081	.099	-.611
310	190	-.214	.100	.169	-1.030
310	191	-.674	.436	.244	-2.456
310	192	-.878	.338	.163	-2.153
310	193	-.473	.154	.336	-1.535
310	194	-.465	.113	-.149	-1.230
310	195	-.453	.108	.013	-.967
310	196	-.481	.115	-.189	-1.108
310	197	-.497	.137	-.156	-1.444
310	198	-.321	.084	-.080	-.708
310	199	-.321	.088	-.011	-.734
310	200	-.325	.078	-.102	-.685
310	201	-.333	.087	-.017	-1.077
310	202	-.323	.080	-.054	-1.037
310	203	-.343	.102	.068	-.951
310	204	-.346	.100	.095	-.772
310	205	-.384	.113	.106	-.843
310	206	-.401	.103	.114	-.952
310	207	-.468	.124	.057	-1.083
310	208	-.495	.135	-.029	-1.087
310	209	-.467	.159	.009	-1.249
310	210	-.447	.146	-.004	-1.230
310	211	-.464	.163	.013	-1.570
310	212	-.442	.111	-.034	-1.051
310	213	-.431	.122	-.017	-1.057
310	214	-.461	.136	-.034	-1.127
310	215	-.511	.152	-.145	-1.295
310	216	-.511	.138	-.159	-1.178
310	217	-.318	.090	-.007	-.834
310	218	-.298	.080	-.036	-.708
310	219	-.323	.101	.158	-.769
310	220	-.346	.094	-.008	-.922
310	221	-.371	.105	.039	-1.029
310	222	-.375	.098	-.008	-.892
310	223	-.269	.081	-.020	-.669
310	224	-.267	.067	-.069	-.542
310	225	-.262	.062	-.075	-.576
310	226	-.260	.063	-.080	-.632
310	227	-.273	.074	-.080	-.729
310	228	-.266	.065	-.046	-.612
310	229	-.264	.070	.009	-.532
310	230	-.248	.064	-.054	-.595
310	231	-.272	.072	-.038	-.607
310	232	-.306	.078	-.058	-.650
310	233	-.305	.080	-.002	-.701
310	234	-.289	.068	-.040	-.538
310	235	-.325	.081	-.020	-.718
310	236	-.353	.081	-.048	-.729
310	237	-.414	.126	-.059	-1.105
310	238	-.385	.100	-.056	-.910
310	239	-.437	.150	-.057	-1.420
310	240	-.429	.129	-.088	-1.350
310	241	-.417	.129	-.004	-1.054
310	242	-.262	.063	-.013	-.508
310	243	-.254	.064	-.027	-.500
310	244	-.259	.062	-.027	-.502
310	245	-.263	.059	-.003	-.527
310	246	-.266	.057	-.027	-.496
310	247	-.289	.071	-.077	-.625
310	248	-.257	.060	-.081	-.502
310	249	-.237	.052	-.090	-.462
310	250	-.243	.045	-.107	-.441
310	251	-.265	.052	-.101	-.501
310	252	-.244	.053	-.069	-.523
310	253	-.241	.050	-.052	-.433
310	254	-.249	.046	-.078	-.397
310	255	-.283	.054	-.080	-.467
310	256	-.281	.059	-.079	-.523

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	257	-.279	.054	-.071	-.474
310	258	-.272	.048	-.097	-.426
310	259	-.293	.055	-.092	-.475
310	260	-.295	.063	-.067	-.559
310	261	-.313	.077	-.059	-.719
310	262	-.312	.066	-.090	-.702
310	263	-.343	.080	-.072	-1.013
310	264	-.334	.082	-.028	-.972
310	265	-.369	.107	.079	-.917
310	266	-.380	.098	.086	-.808
310	267	-.535	.178	-.029	-1.440
310	268	-.550	.195	-.132	-1.420
310	269	-.527	.187	-.124	-1.387
310	270	-.258	.059	-.085	-.546
310	271	-.543	.191	.093	-1.406
310	272	-.603	.262	.228	-1.756
310	273	-.241	.063	-.035	-.534
310	274	-.246	.058	-.061	-.551
310	275	-.559	.152	-.179	-1.449
310	276	-.539	.157	-.185	-1.324
310	277	-.242	.063	-.071	-.569
310	278	-.240	.053	-.095	-.515
310	279	-.244	.053	-.072	-.487
310	280	-.222	.051	.008	-.523
310	281	-.229	.049	-.028	-.429
310	282	-.243	.049	-.068	-.474
310	283	-.254	.052	-.053	-.497
310	284	-.231	.050	.003	-.405
310	285	-.230	.055	.086	-.400
310	286	-.251	.056	.076	-.467
310	287	-.267	.056	-.004	-.499
310	288	-.239	.053	.054	-.462
310	289	-.263	.056	-.021	-.498
310	290	-.285	.056	-.044	-.525
310	291	-.317	.067	-.038	-.574
310	292	-.305	.068	-.021	-.619
310	293	-.308	.074	-.059	-.746
310	294	-.315	.068	-.082	-.695
310	295	-.333	.073	-.063	-.664
310	296	-.311	.070	-.048	-.687
310	297	-.394	.104	-.117	-.934
310	298	-.491	.130	-.171	-1.120
310	299	-.528	.155	-.152	-1.338
310	301	.252	.158	.961	-.191
310	302	.251	.132	.827	-.137
310	303	.081	.141	.675	-.364
310	304	-.051	.122	.422	-.443
310	305	-.166	.112	.310	-.513
310	306	-.536	.096	-.257	-1.303
310	307	-.599	.117	-.260	-1.516
310	308	-.568	.127	-.148	-1.327
310	309	-.565	.151	.142	-1.385
310	310	-.507	.108	-.098	-1.081
310	311	-.554	.116	-.145	-1.268
310	312	-.506	.109	-.122	-1.174
310	313	-.535	.136	-.091	-1.481
310	314	-.511	.170	.564	-1.197
310	315	-.508	.208	.485	-1.487
310	316	-.416	.189	.578	-1.143
310	317	-.393	.170	.240	-1.045
310	318	-.381	.129	.098	-.966
310	319	-.495	.162	.002	-1.313
310	320	-.439	.148	.071	-1.242
310	321	-.384	.114	-.061	-1.035
310	322	-.338	.084	-.047	-.763
310	323	-.388	.101	.054	-1.049
310	324	.529	.187	1.188	.010
310	325	.564	.196	1.315	.089
310	326	.479	.177	1.293	.015
310	327	.120	.151	.875	-.345
310	328	-.091	.110	.519	-.500
310	329	-.563	.104	-.217	-1.056
310	330	-.545	.090	-.234	-.961
310	331	-.618	.123	-.153	-1.285
310	332	-.628	.164	-.066	-1.384
310	333	-.547	.126	-.128	-1.210
310	334	-.472	.103	-.114	-.924
310	335	-.486	.115	-.057	-.926
310	336	-.520	.132	.031	-1.226
310	337	-.587	.221	.494	-1.943
310	338	-.465	.162	.248	-1.049
310	339	-.415	.198	.430	-1.097
310	340	-.352	.160	.203	-1.042
310	341	-.380	.145	.068	-1.161
310	342	-.435	.125	-.107	-1.171
310	343	-.466	.145	-.107	-1.180
310	344	-.383	.111	-.042	-.910
310	345	-.367	.095	.070	-.791
310	346	-.346	.080	.001	-.691
310	347	.546	.183	1.396	-.065
310	348	.673	.186	1.421	.116
310	349	.615	.196	1.357	.089
310	350	.176	.119	.656	-.195
310	351	-.151	.114	.342	-.498
310	352	-.654	.134	-.262	-1.346
310	353	-.668	.141	-.282	-1.507
310	354	-.687	.133	-.248	-1.527
310	355	-.793	.246	-.071	-2.027
310	356	-.682	.191	-.007	-1.442
310	357	-.497	.151	-.023	-1.154
310	358	-.369	.142	.280	-.834
310	359	-.555	.161	.097	-1.352
310	360	-.597	.342	.629	-1.751
310	361	-.400	.267	.592	-1.381
310	362	-.257	.156	.296	-.892
310	363	-.336	.144	.126	-1.021
310	364	-.367	.132	.149	-.962
310	365	-.501	.169	-.061	-1.362
310	366	-.471	.142	-.107	-1.190
310	367	-.490	.145	-.046	-1.297
310	368	-.414	.109	-.085	-.919
310	369	-.416	.113	-.082	-1.031
310	370	.033	.117	.578	-.331
310	371	.301	.147	.830	-.188
310	372	.627	.200	1.299	.000
310	373	.233	.144	.825	-.242
310	374	-.064	.116	.358	-.464
310	375	-.896	.267	-.030	-2.433
310	376	-.879	.252	-.111	-2.167
310	377	-.839	.348	.400	-2.666
310	378	-.576	.336	.259	-2.247
310	379	-.523	.308	.289	-1.692
310	380	-.455	.176	.046	-1.410
310	381	-.159	.194	.554	-.882
310	382	-.405	.164	.184	-1.153
310	383	-.038	.401	1.145	-1.709
310	384	-.203	.219	.622	-1.393
310	385	-.200	.135	.248	-.788
310	386	-.314	.113	.070	-.833
310	387	-.426	.145	.010	-1.094
310	388	-.565	.175	-.203	-1.678
310	389	-.552	.188	-.093	-1.855
310	390	-.487	.152	-.035	-1.553
310	391	-.437	.131	-.017	-2.793
310	392	-.418	.120	-.042	-1.659
310	393	-.326	.209	.216	-1.473
310	394	-.342	.171	.274	-1.177
310	395	-.112	.230	.758	-.965
310	396	-.288	.185	.344	-1.126
310	397	.041	.326	1.269	-1.476
310	398	-.344	.133	.240	-.828
310	399	-.206	.217	.648	-.877
310	400	.305	.336	1.223	-.763
310	401	.296	.225	1.110	-.672
310	402	.083	.165	.686	-.675
310	403	-.903	.421	.367	-2.933
310	404	-.752	.419	.275	-2.587
310	405	-.495	.393	.390	-2.345
310	406	-.311	.220	.274	-1.585
310	407	-.295	.202	.435	-1.344

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	408	-.159	.122	.314	-.726
310	409	-.188	.121	.339	-.624
310	410	-.264	.106	.162	-.685
310	411	-.354	.136	.159	-1.050
310	412	-.434	.141	-.094	-1.151
310	413	-.441	.160	-.037	-1.254
310	414	-.398	.142	-.003	-1.260
310	415	-.373	.135	.049	-1.099
310	416	-.356	.130	.014	-1.441
310	417	-.776	.388	.395	-2.762
310	418	-.690	.342	.152	-2.492
310	419	-.296	.234	.386	-1.435
310	420	-.178	.090	.138	-.470
310	421	-.250	.101	.129	-.650
310	422	-.303	.092	.026	-.694
310	423	-.348	.115	.164	-.776
310	424	-.245	.174	.473	-.733
310	425	.102	.325	.986	-.788
310	426	.198	.196	.856	-.561
310	427	.010	.188	.690	-.678
310	428	-.655	.317	.168	-2.174
310	429	-.607	.342	.354	-2.649
310	430	-.377	.248	.356	-1.789
310	431	-.263	.172	.249	-1.249
310	432	-.215	.107	.112	-.792
310	433	-.195	.095	.185	-.629
310	434	-.195	.068	.070	-.500
310	435	-.247	.077	.093	-.571
310	436	-.262	.074	-.020	-.680
310	437	-.301	.092	-.030	-.993
310	438	-.295	.082	-.049	-.910
310	439	-.317	.096	-.054	-.996
310	440	-.297	.096	-.006	-.804
310	441	-.304	.109	.043	-.981
310	442	-.195	.087	.055	-.857
310	443	-.200	.076	.080	-.529
310	444	-.163	.070	.094	-.501
310	445	-.183	.078	.086	-.595
310	446	-.114	.130	.519	-.828
310	447	-.279	.095	.088	-.696
310	448	-.121	.126	.419	-.565
310	449	.274	.162	.809	-.400
310	450	.223	.100	.660	-.369
310	451	.022	.114	.560	-.554
310	452	-.644	.216	.021	-1.693
310	453	-.542	.214	.092	-1.411
310	454	-.273	.130	-.032	-1.190
310	455	-.202	.090	.033	-.775
310	456	-.174	.077	.057	-.736
310	457	-.196	.072	.025	-.535
310	458	-.145	.055	.141	-.422
310	459	-.214	.075	.026	-.557
310	460	-.018	.152	.786	-.638
310	461	-.215	.085	.135	-.855
310	462	-.179	.051	-.005	-.443
310	463	-.220	.056	-.023	-.439
310	464	-.229	.056	-.029	-.468
310	465	-.255	.062	-.039	-.523
310	466	-.258	.054	-.063	-.498
310	467	-.275	.065	-.044	-.597
310	468	-.274	.076	-.065	-.643
310	469	-.279	.084	-.046	-1.173
310	470	-.157	.087	.220	-.527
310	471	-.285	.079	-.059	-.997
310	472	-.271	.086	-.041	-1.321
310	473	-.051	.089	.282	-.473
310	474	-.127	.074	.234	-.487
310	475	-.278	.077	-.097	-.824
310	476	-.264	.085	-.039	-1.053
310	477	-.129	.077	.206	-.454
310	478	-.005	.069	.268	-.247
310	479	.183	.104	.637	-.124
310	480	.080	.092	.698	-.173
310	481	-.036	.084	.398	-.321
310	482	-.368	.112	-.032	-.855
310	483	-.305	.138	.122	-.852
310	484	-.133	.070	.129	-.410
310	485	-.143	.058	.078	-.454
310	486	-.154	.053	.057	-.465
310	487	-.186	.067	.088	-.600
310	488	-.117	.065	.477	-.405
310	489	-.164	.064	.184	-.585
310	490	.027	.117	1.027	-.276
310	491	-.184	.068	.059	-.621
310	492	-.142	.048	.057	-.314
310	493	-.186	.048	-.006	-.371
310	494	-.214	.045	-.048	-.384
310	495	-.258	.063	-.037	-.626
310	496	-.241	.062	-.027	-.631
310	497	-.247	.063	-.055	-.589
310	498	-.262	.064	-.034	-.748
310	499	-.280	.085	-.054	-.944
310	801	-.303	.060	-.038	-.533
310	802	-.278	.056	-.028	-.504
310	803	-.275	.061	-.012	-.693
310	804	-.261	.052	-.080	-.455
310	805	-.186	.132	.276	-.917
310	806	-.214	.103	.110	-.827
310	807	-.195	.090	.082	-.696
310	808	-.176	.058	.021	-.441
310	901	-.567	.155	-.122	-1.312
310	902	-.409	.145	.180	-1.413
310	903	-.567	.120	-.139	-1.265
310	904	-.559	.182	.038	-1.367
310	905	-.426	.134	.168	-1.070
310	906	-.378	.144	.303	-1.010
310	907	-.533	.125	-.166	-1.085
310	908	-.424	.143	.201	-1.052
310	909	-.541	.117	-.223	-1.034
310	910	-.511	.130	-.003	-1.055
310	911	-.363	.100	.047	-.759
310	912	-.489	.128	-.097	-1.350
310	913	-.466	.116	-.081	-1.148
310	914	-.473	.124	-.007	-1.396
310	915	-.448	.091	-.114	-.916
310	916	-.449	.167	.172	-1.213
310	917	-.523	.117	-.190	-1.222
310	918	-.383	.129	.088	-1.120
310	919	-.483	.142	.085	-1.474
310	920	-.523	.126	-.050	-1.085
310	921	-.529	.103	-.231	-1.003
310	922	-.415	.112	-.015	-.911
310	923	-.552	.115	-.235	-1.134
310	924	-.325	.116	.158	-.716
310	925	-.463	.104	-.055	-.870
310	926	-.531	.096	-.215	-.996
310	927	-.452	.270	.242	-1.831
310	928	-.250	.295	.681	-1.662
310	929	-.467	.294	.267	-2.434
310	930	-.177	.162	.409	-.781
320	1	-.350	.108	-.011	-.928
320	2	-.084	.076	.337	-.347
320	3	-.391	.135	.060	-1.199
320	4	-.413	.142	-.004	-1.415
320	101	-.390	.148	.024	-1.251
320	102	-.381	.121	-.052	-1.495
320	103	-.401	.141	.048	-1.100
320	104	-.406	.153	.118	-1.173
320	105	-.422	.160	.046	-1.147
320	106	-.474	.197	.196	-1.448
320	107	-.478	.219	.303	-1.492
320	108	-.489	.222	.264	-1.676
320	109	-.530	.218	.271	-1.681
320	110	-.549	.203	.538	-1.669
320	111	-.605	.183	.169	-1.492
320	112	-.578	.166	-.049	-1.560
320	113	-.592	.165	-.095	-1.632
320	114	-.594	.139	-.202	-1.266
320	115	-.651	.181	.087	-1.601
320	116	-.614	.154	-.187	-1.486

APPENDIX A -- PRESSURE DATA : CONFIGURATION A : TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	117	-.641	.151	-.232	-1.425
320	118	-.641	.132	-.293	-1.532
320	119	-.421	.120	.065	-1.033
320	120	-.230	.127	.323	-.749
320	121	-.086	.135	.549	-.556
320	122	.033	.133	.612	-.391
320	123	.091	.204	.831	-.745
320	124	-.356	.112	-.025	-1.321
320	125	-.348	.098	-.022	-.944
320	126	-.353	.085	-.074	-.725
320	127	-.401	.125	.035	-.969
320	128	-.403	.138	.084	-1.055
320	129	-.501	.211	.095	-1.439
320	130	-.484	.159	.041	-1.404
320	131	-.503	.164	.194	-1.132
320	132	-.524	.154	.296	-1.173
320	133	-.556	.174	.712	-1.517
320	134	-.551	.114	-.156	-1.158
320	135	-.535	.126	-.004	-1.234
320	136	-.539	.126	-.098	-1.190
320	137	-.544	.145	-.171	-1.398
320	138	-.595	.152	-.172	-1.428
320	139	-.582	.146	-.032	-1.350
320	140	-.543	.133	-.212	-1.351
320	141	-.521	.132	-.149	-1.159
320	142	-.253	.090	.091	-.598
320	143	-.079	.119	.387	-.480
320	144	.229	.152	.786	-.214
320	145	.407	.196	1.061	-.363
320	146	.386	.220	1.007	-.479
320	147	-.378	.093	-.039	-.830
320	148	-.346	.086	-.022	-.757
320	149	-.348	.082	-.010	-.654
320	150	-.395	.095	-.006	-.942
320	151	-.457	.137	.023	-1.226
320	152	-.570	.236	.118	-1.624
320	153	-.537	.206	.149	-1.498
320	154	-.507	.136	.059	-1.067
320	155	-.552	.146	-.019	-1.169
320	156	-.554	.161	-.084	-1.693
320	157	-.545	.122	-.068	-1.083
320	158	-.505	.094	-.104	-.905
320	159	-.550	.116	-.079	-1.050
320	160	-.476	.119	-.081	-1.215
320	161	-.532	.148	-.176	-1.542
320	162	-.497	.094	-.236	-1.016
320	163	-.497	.103	-.193	-1.001
320	164	-.467	.101	-.165	-.996
320	165	-.293	.089	.061	-.766
320	166	-.120	.080	.204	-.391
320	167	.147	.129	.687	-.200
320	168	.281	.224	1.016	-.680
320	169	.165	.281	.966	-1.056
320	170	-.377	.082	-.118	-.725
320	171	-.383	.087	-.076	-.775
320	172	-.358	.081	-.034	-.744
320	173	-.384	.106	-.019	-1.010
320	174	-.388	.106	-.052	-.951
320	175	-.477	.183	.059	-1.436
320	176	-.467	.149	.142	-1.338
320	177	-.493	.154	.169	-1.249
320	178	-.532	.132	-.082	-1.156
320	179	-.581	.171	-.147	-2.128
320	180	-.545	.113	-.220	-1.140
320	181	-.523	.114	-.156	-1.035
320	182	-.523	.110	-.222	-1.151
320	183	-.562	.133	-.177	-1.266
320	184	-.609	.144	-.123	-1.507
320	185	-.574	.125	-.219	-1.386
320	186	-.538	.110	-.192	-1.266
320	187	-.550	.120	-.161	-1.345
320	188	-.424	.087	-.081	-.830
320	189	-.309	.084	-.000	-.678
320	190	-.160	.079	.171	-.447
320	191	-.450	.430	.388	-2.248
320	192	-.786	.362	.330	-2.103
320	193	-.526	.229	.823	-2.063
320	194	-.552	.134	-.031	-1.188
320	195	-.523	.136	.425	-1.051
320	196	-.570	.134	-.097	-1.265
320	197	-.592	.147	-.096	-1.260
320	198	-.318	.073	-.107	-.733
320	199	-.328	.077	-.075	-.696
320	200	-.351	.090	-.001	-.915
320	201	-.374	.115	-.070	-1.084
320	202	-.362	.103	-.077	-.919
320	203	-.360	.127	.077	-.958
320	204	-.353	.137	.119	-.997
320	205	-.381	.157	.255	-1.077
320	206	-.410	.143	.203	-1.041
320	207	-.541	.152	.193	-1.354
320	208	-.583	.151	-.058	-1.378
320	209	-.622	.189	-.075	-1.441
320	210	-.616	.165	-.162	-1.459
320	211	-.639	.186	-.092	-1.532
320	212	-.507	.115	-.114	-1.002
320	213	-.432	.118	-.005	-.977
320	214	-.442	.138	-.080	-1.282
320	215	-.570	.182	-.119	-1.762
320	216	-.564	.163	-.191	-1.467
320	217	-.336	.096	.037	-.778
320	218	-.300	.087	.072	-.693
320	219	-.305	.113	.108	-.805
320	220	-.357	.113	.065	-1.089
320	221	-.413	.173	.009	-1.560
320	222	-.416	.157	.003	-1.340
320	223	-.278	.067	-.055	-.631
320	224	-.280	.069	-.074	-.534
320	225	-.304	.075	-.061	-.729
320	226	-.315	.091	-.070	-.949
320	227	-.332	.100	-.045	-.932
320	228	-.296	.069	-.036	-.649
320	229	-.281	.071	.037	-.652
320	230	-.256	.065	.008	-.546
320	231	-.274	.077	.082	-.629
320	232	-.283	.078	.029	-.671
320	233	-.280	.079	.030	-.638
320	234	-.277	.070	-.038	-.684
320	235	-.317	.086	.036	-.787
320	236	-.338	.082	-.055	-.781
320	237	-.370	.114	.041	-1.119
320	238	-.343	.091	-.029	-.919
320	239	-.391	.130	-.011	-1.433
320	240	-.390	.113	-.041	-.997
320	241	-.394	.122	-.082	-1.251
320	242	-.250	.068	.091	-.493
320	243	-.251	.064	.020	-.504
320	244	-.253	.062	.011	-.497
320	245	-.261	.061	-.014	-.483
320	246	-.269	.057	-.047	-.461
320	247	-.284	.058	-.109	-.564
320	248	-.258	.053	-.058	-.617
320	249	-.253	.052	-.005	-.453
320	250	-.274	.050	-.094	-.537
320	251	-.281	.059	-.097	-.891
320	252	-.253	.050	-.043	-.458
320	253	-.252	.053	-.084	-.494
320	254	-.265	.050	-.101	-.483
320	255	-.280	.059	-.068	-.527
320	256	-.277	.063	-.060	-.548
320	257	-.272	.056	-.036	-.441
320	258	-.277	.050	-.082	-.427
320	259	-.285	.056	-.046	-.451
320	260	-.288	.061	-.065	-.526
320	261	-.294	.070	-.067	-.619
320	262	-.310	.061	-.079	-.549
320	263	-.327	.072	-.041	-.676
320	264	-.320	.073	-.036	-.692
320	265	-.344	.093	-.014	-.892
320	266	-.360	.088	-.035	-.711

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	267	-.459	.162	-.026	-1.303
320	268	-.469	.178	-.070	-1.507
320	269	-.453	.185	-.062	-1.463
320	270	-.262	.050	-.116	-.503
320	271	-.467	.189	.069	-1.394
320	272	-.511	.254	-.050	-1.912
320	273	-.250	.055	-.060	-.458
320	274	-.262	.051	-.099	-.447
320	275	-.505	.144	-.075	-1.189
320	276	-.491	.149	-.104	-1.219
320	277	-.243	.057	-.033	-.470
320	278	-.251	.049	-.077	-.439
320	279	-.249	.050	-.061	-.454
320	280	-.242	.050	-.033	-.536
320	281	-.254	.051	-.074	-.520
320	282	-.257	.042	-.091	-.425
320	283	-.254	.048	-.070	-.417
320	284	-.236	.050	.045	-.397
320	285	-.232	.054	.022	-.393
320	286	-.261	.056	.014	-.439
320	287	-.268	.055	-.029	-.459
320	288	-.246	.053	-.009	-.419
320	289	-.259	.058	-.038	-.499
320	290	-.283	.055	-.062	-.520
320	291	-.296	.064	-.044	-.581
320	292	-.289	.065	-.029	-.597
320	293	-.291	.065	.022	-.602
320	294	-.306	.060	-.028	-.594
320	295	-.315	.071	-.019	-.632
320	296	-.298	.069	-.016	-.541
320	297	-.364	.104	-.053	-.805
320	298	-.452	.128	-.113	-1.049
320	299	-.471	.148	-.122	-1.225
320	301	.251	.170	.839	-.397
320	302	.212	.135	.696	-.218
320	303	.005	.134	.415	-.448
320	304	-.145	.109	.228	-.574
320	305	-.266	.095	.041	-.762
320	306	-.607	.096	-.335	-1.213
320	307	-.668	.116	-.334	-1.319
320	308	-.651	.132	-.166	-1.567
320	309	-.675	.166	-.023	-1.534
320	310	-.598	.119	-.243	-1.342
320	311	-.628	.136	-.149	-1.227
320	312	-.570	.132	-.044	-1.175
320	313	-.603	.143	-.080	-1.434
320	314	-.596	.174	.380	-1.493
320	315	-.574	.213	.535	-1.343
320	316	-.456	.205	.258	-1.231
320	317	-.396	.184	.299	-1.258
320	318	-.376	.141	.118	-1.040
320	319	-.457	.152	-.030	-1.396
320	320	-.407	.142	-.016	-1.493
320	321	-.349	.118	.039	-.980
320	322	-.316	.092	-.035	-.845
320	323	-.366	.118	-.017	-1.044
320	324	.585	.205	1.291	-.175
320	325	.605	.194	1.249	-.073
320	326	.454	.145	.877	-.087
320	327	.069	.118	.510	-.441
320	328	-.157	.089	.279	-.521
320	329	-.624	.113	-.294	-1.527
320	330	-.605	.099	-.335	-1.401
320	331	-.674	.126	-.320	-1.324
320	332	-.689	.155	-.258	-1.675
320	333	-.628	.126	-.018	-1.338
320	334	-.557	.108	-.094	-.945
320	335	-.573	.121	.111	-1.044
320	336	-.603	.137	-.028	-1.198
320	337	-.655	.220	.207	-1.765
320	338	-.539	.161	.299	-1.114
320	339	-.461	.215	.452	-1.220
320	340	-.368	.184	.373	-1.258
320	341	-.373	.158	.175	-1.008
320	342	-.387	.112	-.026	-.963
320	343	-.412	.130	.021	-1.215
320	344	-.347	.105	-.025	-.936
320	345	-.335	.093	-.039	-.777
320	346	-.321	.081	-.049	-.735
320	347	.590	.205	1.377	-.114
320	348	.653	.202	1.383	-.025
320	349	.556	.182	1.400	-.009
320	350	.135	.105	.563	-.419
320	351	-.178	.099	.204	-.856
320	352	-.688	.133	-.318	-1.549
320	353	-.704	.131	-.326	-1.270
320	354	-.700	.125	-.331	-1.290
320	355	-.812	.207	-.207	-2.087
320	356	-.724	.167	-.212	-1.445
320	357	-.580	.151	.066	-1.491
320	358	-.470	.135	.103	-1.137
320	359	-.643	.163	-.017	-1.679
320	360	-.714	.321	.652	-2.510
320	361	-.513	.278	.791	-1.411
320	362	-.316	.186	.328	-1.089
320	363	-.330	.164	.187	-.946
320	364	-.335	.139	.138	-.832
320	365	-.397	.138	.043	-1.236
320	366	-.370	.116	-.015	-1.058
320	367	-.399	.129	-.054	-1.041
320	368	-.369	.109	-.051	-.926
320	369	-.380	.115	-.025	-.996
320	370	.091	.130	.577	-.362
320	371	.324	.139	.920	-.186
320	372	.598	.180	1.215	.035
320	373	.265	.148	.868	-.408
320	374	-.070	.118	.421	-.614
320	375	-.973	.237	-.237	-2.054
320	376	-.987	.226	-.304	-1.989
320	377	-.945	.308	.213	-2.531
320	378	-.664	.327	.302	-2.355
320	379	-.598	.314	.297	-1.844
320	380	-.573	.192	.064	-1.418
320	381	-.216	.214	.640	-1.028
320	382	-.513	.184	.098	-1.331
320	383	-.061	.448	1.350	-1.685
320	384	-.213	.240	.489	-1.476
320	385	-.202	.155	.373	-1.030
320	386	-.291	.119	.194	-.821
320	387	-.348	.135	.097	-.982
320	388	-.413	.138	-.077	-1.113
320	389	-.408	.137	-.069	-1.267
320	390	-.423	.137	-.044	-1.215
320	391	-.400	.132	.017	-1.260
320	392	-.405	.130	-.034	-1.297
320	393	-.378	.215	.233	-1.320
320	394	-.435	.196	.191	-1.535
320	395	-.118	.247	.790	-1.040
320	396	-.369	.204	.347	-1.365
320	397	.138	.337	1.247	-1.624
320	398	-.401	.131	.037	-.977
320	399	-.258	.189	.395	-.950
320	400	.206	.331	1.247	-.837
320	401	.279	.242	1.085	-.810
320	402	.053	.182	.696	-.760
320	403	-1.080	.420	.342	-2.824
320	404	-.891	.437	.203	-2.863
320	405	-.556	.405	.433	-2.316
320	406	-.371	.220	.231	-1.611
320	407	-.360	.229	.427	-1.565
320	408	-.204	.138	.304	-.893
320	409	-.232	.123	.178	-.711
320	410	-.284	.096	.009	-.685
320	411	-.318	.109	-.015	-.857
320	412	-.339	.098	-.102	-.986
320	413	-.340	.109	-.029	-.968
320	414	-.351	.104	-.071	-.902
320	415	-.336	.101	-.075	-.832
320	416	-.379	.100	-.074	-1.027
320	417	-.892	.381	.121	-2.728

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	418	-.759	.352	.108	-2.411
320	419	-.298	.178	.315	-1.495
320	420	-.239	.092	.133	-.671
320	421	-.263	.085	.118	-.611
320	422	-.293	.073	-.001	-.619
320	423	-.310	.096	.115	-.882
320	424	-.257	.142	.405	-.643
320	425	.068	.333	.885	-.873
320	426	.146	.233	.789	-.695
320	427	-.035	.192	.622	-.835
320	428	-.770	.327	.115	-2.295
320	429	-.650	.337	.208	-2.236
320	430	-.389	.212	.184	-1.480
320	431	-.262	.134	.197	-1.297
320	432	-.253	.096	.092	-.706
320	433	-.245	.096	.086	-.783
320	434	-.234	.066	.012	-.558
320	435	-.241	.066	-.015	-.555
320	436	-.255	.059	-.039	-.501
320	437	-.266	.068	-.049	-.706
320	438	-.271	.061	-.074	-.705
320	439	-.271	.067	-.025	-.595
320	440	-.280	.068	.022	-.671
320	441	-.286	.082	-.039	-.930
320	442	-.231	.072	-.041	-.652
320	443	-.215	.070	.010	-.570
320	444	-.199	.068	.234	-.537
320	445	-.228	.074	-.006	-.626
320	446	-.194	.115	.368	-.758
320	447	-.267	.102	.093	-.687
320	448	-.135	.131	.294	-.567
320	449	.218	.194	.866	-.630
320	450	.191	.110	.624	-.324
320	451	-.012	.119	.485	-.475
320	452	-.689	.228	.125	-1.952
320	453	-.603	.241	.239	-1.736
320	454	-.342	.153	-.030	-1.103
320	455	-.260	.105	.048	-1.033
320	456	-.223	.085	.032	-.728
320	457	-.237	.073	.002	-.639
320	458	-.180	.057	.110	-.503
320	459	-.263	.075	.024	-.650
320	460	-.049	.154	.608	-.701
320	461	-.240	.092	.106	-.763
320	462	-.204	.055	-.015	-.488
320	463	-.239	.060	-.026	-.529
320	464	-.237	.058	-.037	-.488
320	465	-.250	.058	-.083	-.481
320	466	-.256	.056	-.111	-.459
320	467	-.275	.059	-.117	-.487

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	468	-.263	.063	-.093	-.510
320	469	-.269	.063	-.054	-.528
320	470	-.158	.083	.159	-.505
320	471	-.283	.062	-.087	-.645
320	472	-.263	.065	-.066	-.716
320	473	-.051	.094	.385	-.421
320	474	-.139	.074	.284	-.498
320	475	-.285	.065	-.100	-.781
320	476	-.266	.069	-.081	-.871
320	477	-.125	.077	.222	-.392
320	478	-.013	.072	.328	-.236
320	479	.171	.115	.668	-.119
320	480	.069	.105	.581	-.204
320	481	-.057	.095	.502	-.341
320	482	-.406	.122	-.040	-1.191
320	483	-.327	.141	.192	-1.119
320	484	-.165	.069	.113	-.432
320	485	-.184	.063	.084	-.562
320	486	-.197	.058	.083	-.549
320	487	-.247	.077	-.016	-.811
320	488	-.143	.074	.328	-.412
320	489	-.205	.068	.060	-.566
320	490	.034	.127	.661	-.287
320	491	-.202	.075	.058	-.593
320	492	-.154	.051	.041	-.336
320	493	-.193	.048	-.030	-.372
320	494	-.221	.044	-.081	-.407
320	495	-.262	.059	-.092	-.626
320	496	-.239	.058	-.079	-.611
320	497	-.248	.057	-.028	-.474
320	498	-.264	.054	-.089	-.542
320	499	-.284	.069	-.068	-.677
320	801	-.287	.064	-.061	-.534
320	802	-.269	.064	-.002	-.524
320	803	-.277	.069	.032	-.566
320	804	-.276	.054	-.001	-.459
320	805	-.251	.124	.248	-.887
320	806	-.250	.100	.039	-.704
320	807	-.242	.102	.062	-.751
320	808	-.224	.067	-.000	-.549
320	901	-.718	.168	-.164	-1.528
320	902	-.414	.180	.239	-1.144
320	903	-.709	.127	-.307	-1.395
320	904	-.701	.189	.088	-1.687
320	905	-.469	.167	.270	-1.172
320	906	-.370	.189	.361	-1.057
320	907	-.706	.143	-.290	-1.431
320	908	-.445	.191	.327	-1.295
320	909	-.709	.137	-.292	-1.452
320	910	-.587	.158	.055	-1.334

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	911	-.343	.128	.264	-.804
320	912	-.612	.180	.118	-1.709
320	913	-.583	.162	.057	-1.966
320	914	-.581	.180	.181	-1.595
320	915	-.535	.115	.090	-1.005
320	916	-.447	.176	-.218	-1.358
320	917	-.666	.136	-.231	-1.463
320	918	-.362	.145	.229	-1.243
320	919	-.487	.144	.152	-1.071
320	920	-.664	.151	-.214	-1.400
320	921	-.669	.121	-.296	-1.386
320	922	-.426	.141	.082	-1.061
320	923	-.696	.143	-.263	-1.357
320	924	-.281	.148	.396	-1.056
320	925	-.530	.152	.193	-1.162
320	926	-.710	.125	-.361	-1.213
320	927	-.575	.285	.216	-1.998
320	928	-.292	.312	.574	-1.940
320	929	-.597	.350	.312	-3.276
320	930	-.224	.182	.448	-.924
330	1	-.303	.091	-.064	-.699
330	2	-.095	.071	.168	-.333
330	3	-.333	.119	.004	-1.131
330	4	-.361	.125	-.054	-.982
330	101	-.325	.092	-.024	-.902
330	102	-.316	.073	-.067	-.758
330	103	-.327	.087	-.011	-.781
330	104	-.310	.083	-.029	-.713
330	105	-.315	.089	-.043	-.864
330	106	-.284	.082	.038	-.890
330	107	-.254	.119	.063	-1.077
330	108	-.222	.158	.180	-1.445
330	109	-.287	.210	.347	-1.349
330	110	.024	.348	1.123	-1.141
330	111	-.390	.308	.825	-1.931
330	112	-.504	.303	.403	-1.843
330	113	-.665	.224	-.040	-1.786
330	114	-.702	.192	-.201	-1.605
330	115	-.703	.236	-.055	-1.678
330	116	-.789	.234	-.096	-1.797
330	117	-.929	.221	-.228	-2.045
330	118	-.972	.250	-.445	-2.568
330	119	-.395	.170	.344	-1.082
330	120	-.153	.181	.754	-.909
330	121	-.018	.182	.639	-.646
330	122	.090	.197	.719	-.471
330	123	.175	.238	1.013	-.880
330	124	-.322	.078	-.079	-.715
330	125	-.317	.072	-.055	-.705
330	126	-.313	.065	-.031	-.722

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	127	-.325	.082	-.052	-.945
330	128	-.309	.083	.022	-.895
330	129	-.302	.092	.066	-.957
330	130	-.280	.094	.028	-.816
330	131	-.279	.175	.294	-1.219
330	132	-.292	.266	.650	-1.260
330	133	-.234	.408	1.263	-1.356
330	134	-.549	.150	.004	-1.165
330	135	-.385	.280	.780	-1.286
330	136	-.568	.176	-.043	-1.416
330	137	-.661	.230	-.019	-1.845
330	138	-.719	.240	-.039	-1.899
330	139	-.842	.242	-.074	-1.967
330	140	-.866	.211	-.221	-1.965
330	141	-.870	.213	-.247	-2.038
330	142	-.298	.139	.122	-.945
330	143	-.038	.185	.676	-.793
330	144	.307	.212	1.135	-.360
330	145	.437	.240	1.256	-.589
330	146	.436	.236	1.138	-.612
330	147	-.321	.066	-.115	-.723
330	148	-.300	.063	-.069	-.588
330	149	-.304	.076	-.033	-.784
330	150	-.323	.087	.004	-1.162
330	151	-.350	.114	.097	-.976
330	152	-.366	.158	.195	-1.173
330	153	-.374	.162	.335	-1.180
330	154	-.421	.151	.251	-1.222
330	155	-.511	.196	.660	-1.385
330	156	-.538	.261	.679	-2.107
330	157	-.560	.148	-.010	-1.273
330	158	-.483	.110	-.027	-.880
330	159	-.551	.137	-.084	-1.123
330	160	-.590	.171	-.089	-1.409
330	161	-.652	.216	-.095	-1.988
330	162	-.633	.149	-.144	-1.951
330	163	-.643	.169	-.170	-1.734
330	164	-.617	.165	-.221	-1.677
330	165	-.366	.125	.050	-1.019
330	166	-.157	.107	.234	-.632
330	167	.134	.147	.770	-.358
330	168	.300	.181	1.109	-.609
330	169	.225	.274	1.254	-.876
330	170	-.299	.058	-.067	-.655
330	171	-.309	.066	-.052	-.723
330	172	-.303	.080	-.019	-.873
330	173	-.342	.104	-.009	-.841
330	174	-.337	.098	-.036	-.724
330	175	-.385	.157	.255	-1.109
330	176	-.378	.141	.253	-.972

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	177	-.424	.168	.392	-1.150
330	178	-.493	.149	.118	-1.147
330	179	-.587	.220	.185	-2.187
330	180	-.527	.123	-.072	-1.070
330	181	-.474	.113	.111	-.934
330	182	-.482	.105	-.034	-1.152
330	183	-.568	.143	-.090	-1.461
330	184	-.647	.173	-.147	-1.912
330	185	-.607	.151	-.172	-1.952
330	186	-.565	.122	-.206	-1.523
330	187	-.581	.132	-.201	-1.654
330	188	-.429	.090	-.044	-.918
330	189	-.299	.085	.058	-.723
330	190	-.137	.081	.282	-.406
330	191	-.256	.320	.383	-1.959
330	192	-.590	.357	.403	-1.985
330	193	-.427	.271	.771	-1.719
330	194	-.472	.141	.245	-1.170
330	195	-.432	.149	.343	-.956
330	196	-.495	.142	.029	-1.106
330	197	-.531	.154	.123	-1.278
330	198	-.275	.059	-.100	-.611
330	199	-.292	.064	-.111	-.672
330	200	-.299	.075	-.034	-.828
330	201	-.311	.086	-.033	-.860
330	202	-.297	.076	-.054	-.814
330	203	-.298	.096	.066	-.709
330	204	-.282	.106	.083	-.732
330	205	-.288	.134	.260	-.834
330	206	-.303	.140	.429	-.844
330	207	-.466	.167	.192	-1.463
330	208	-.540	.159	.086	-1.235
330	209	-.615	.199	.058	-1.608
330	210	-.618	.172	-.149	-1.608
330	211	-.640	.197	-.157	-1.880
330	212	-.482	.108	-.133	-.932
330	213	-.385	.100	-.021	-.988
330	214	-.327	.103	-.001	-.890
330	215	-.544	.193	-.052	-1.521
330	216	-.549	.179	-.154	-1.338
330	217	-.279	.073	.004	-.611
330	218	-.247	.065	.024	-.655
330	219	-.253	.091	.122	-.693
330	220	-.309	.113	.050	-.939
330	221	-.447	.193	.076	-1.357
330	222	-.457	.173	.031	-1.285
330	223	-.254	.058	-.055	-.499
330	224	-.253	.050	-.067	-.431
330	225	-.281	.065	-.054	-.565
330	226	-.281	.071	-.027	-.694

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	227	-.298	.079	-.020	-.776
330	228	-.270	.058	-.036	-.530
330	229	-.259	.058	-.075	-.532
330	230	-.231	.052	.012	-.443
330	231	-.248	.065	.015	-.590
330	232	-.246	.067	-.029	-.514
330	233	-.246	.070	.006	-.560
330	234	-.242	.066	-.015	-.554
330	235	-.281	.085	.022	-.823
330	236	-.292	.082	-.034	-.781
330	237	-.289	.083	.004	-.781
330	238	-.266	.069	-.040	-.733
330	239	-.308	.094	.080	-1.093
330	240	-.320	.095	-.034	-1.141
330	241	-.317	.099	-.021	-.983
330	242	-.217	.060	.127	-.478
330	243	-.221	.061	.059	-.460
330	244	-.219	.058	.053	-.445
330	245	-.217	.056	.027	-.409
330	246	-.212	.052	.001	-.425
330	247	-.252	.052	.085	-.516
330	248	-.224	.046	-.051	-.417
330	249	-.241	.047	.065	-.463
330	250	-.265	.048	.099	-.519
330	251	-.264	.054	.085	-.550
330	252	-.239	.047	.070	-.434
330	253	-.235	.047	.093	-.422
330	254	-.246	.045	.069	-.431
330	255	-.247	.053	.060	-.478
330	256	-.231	.058	.042	-.439
330	257	-.236	.054	.002	-.418
330	258	-.246	.049	.055	-.407
330	259	-.249	.055	.019	-.434
330	260	-.247	.057	.011	-.551
330	261	-.237	.058	.038	-.495
330	262	-.260	.055	.077	-.549
330	263	-.270	.069	.075	-.795
330	264	-.267	.070	.033	-.648
330	265	-.281	.081	.080	-.675
330	266	-.293	.077	.077	-.580
330	267	-.353	.124	.095	-.941
330	268	-.375	.142	.035	-1.273
330	269	-.371	.136	.079	-1.054
330	270	-.243	.043	.116	-.392
330	271	-.391	.152	.117	-1.118
330	272	-.418	.193	.024	-1.599
330	273	-.222	.050	.048	-.480
330	274	-.235	.047	.067	-.466
330	275	-.426	.128	.043	-.965
330	276	-.407	.130	.010	-1.076

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	277	-.217	.050	.005	-.413
330	278	-.228	.045	-.045	-.395
330	279	-.227	.049	-.048	-.599
330	280	-.230	.049	-.033	-.442
330	281	-.229	.047	-.077	-.413
330	282	-.236	.041	-.062	-.368
330	283	-.228	.045	-.053	-.381
330	284	-.213	.046	-.007	-.357
330	285	-.216	.051	.034	-.427
330	286	-.231	.050	-.006	-.446
330	287	-.234	.054	-.060	-.463
330	288	-.218	.053	-.043	-.437
330	289	-.225	.054	-.009	-.418
330	290	-.248	.051	-.060	-.448
330	291	-.249	.058	-.036	-.470
330	292	-.242	.061	-.026	-.476
330	293	-.248	.067	-.038	-.504
330	294	-.266	.063	-.072	-.488
330	295	-.260	.071	-.046	-.538
330	296	-.244	.071	.035	-.527
330	297	-.306	.093	-.026	-.735
330	298	-.387	.115	-.047	-.991
330	299	-.388	.129	-.019	-1.160
330	301	.154	.227	.914	-.879
330	302	.117	.153	.684	-.441
330	303	-.096	.147	.402	-.668
330	304	-.229	.115	.251	-.659
330	305	-.346	.099	.007	-.741
330	306	-.673	.117	-.320	-1.370
330	307	-.731	.141	-.322	-1.813
330	308	-.722	.162	-.175	-1.602
330	309	-.725	.192	-.155	-1.646
330	310	-.629	.136	-.219	-1.293
330	311	-.611	.153	-.104	-1.478
330	312	-.551	.168	-.063	-1.541
330	313	-.565	.215	.271	-1.704
330	314	-.508	.203	.276	-1.458
330	315	-.501	.250	.449	-2.134
330	316	-.392	.228	.290	-1.525
330	317	-.357	.198	.217	-1.442
330	318	-.343	.145	.084	-1.187
330	319	-.424	.166	.006	-1.619
330	320	-.378	.146	-.011	-1.323
330	321	-.322	.100	-.020	-.905
330	322	-.283	.068	-.014	-.575
330	323	-.323	.083	-.048	-.700
330	324	.474	.240	1.187	-.969
330	325	.478	.224	1.331	-.506
330	326	.329	.158	.864	-.100
330	327	-.012	.135	.521	-.499

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	328	-.217	.105	.202	-.722
330	329	-.647	.128	-.242	-1.424
330	330	-.629	.111	-.298	-1.317
330	331	-.701	.155	-.214	-1.613
330	332	-.706	.182	-.164	-1.696
330	333	-.635	.148	-.202	-1.384
330	334	-.547	.110	-.221	-1.020
330	335	-.551	.125	-.011	-1.206
330	336	-.579	.146	-.078	-1.438
330	337	-.571	.209	.344	-1.957
330	338	-.458	.148	.271	-1.053
330	339	-.391	.175	.429	-1.145
330	340	-.325	.145	.265	-.861
330	341	-.334	.123	.195	-.907
330	342	-.374	.110	-.063	-1.132
330	343	-.393	.124	-.043	-1.284
330	344	-.326	.099	-.027	-.760
330	345	-.315	.071	-.078	-.659
330	346	-.297	.059	-.089	-.566
330	347	.489	.203	1.378	-.180
330	348	.537	.200	1.478	-.045
330	349	.475	.183	1.236	-.113
330	350	.110	.108	.713	-.342
330	351	-.176	.109	.357	-.659
330	352	-.674	.144	-.276	-1.588
330	353	-.677	.154	-.308	-2.065
330	354	-.667	.142	-.203	-1.545
330	355	-.733	.207	-.122	-2.022
330	356	-.627	.156	-.083	-1.350
330	357	-.548	.130	-.173	-1.145
330	358	-.473	.104	-.039	-.919
330	359	-.595	.144	-.115	-1.188
330	360	-.631	.256	.451	-1.954
330	361	-.509	.204	.466	-1.482
330	362	-.355	.146	.177	-.915
330	363	-.332	.143	.285	-.994
330	364	-.316	.124	.182	-.881
330	365	-.344	.103	-.049	-.943
330	366	-.310	.082	-.023	-.851
330	367	-.331	.086	-.000	-.880
330	368	-.311	.070	-.069	-.689
330	369	-.313	.072	-.080	-.659
330	370	.114	.140	.667	-.513
330	371	.293	.152	.978	-.191
330	372	.514	.177	1.200	-.022
330	373	.216	.162	.835	-.404
330	374	-.074	.122	.470	-.548
330	375	-.907	.221	-.388	-2.133
330	376	-.914	.211	-.433	-2.146
330	377	-.859	.261	-.006	-2.057

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	378	-.647	.247	.054	-1.780
330	379	-.597	.244	.119	-1.769
330	380	-.566	.177	-.041	-1.370
330	381	-.297	.164	.423	-.914
330	382	-.549	.158	.071	-1.198
330	383	-.153	.393	1.061	-1.574
330	384	-.248	.200	.433	-1.042
330	385	-.217	.141	.292	-.872
330	386	-.245	.088	.074	-.643
330	387	-.274	.087	.030	-.740
330	388	-.283	.074	-.046	-.673
330	389	-.286	.080	.048	-.700
330	390	-.293	.076	.075	-.792
330	391	-.292	.071	.077	-.735
330	392	-.292	.067	.101	-.795
330	393	-.384	.160	.087	-1.292
330	394	-.470	.180	.126	-1.357
330	395	-.131	.203	.599	-.844
330	396	-.403	.164	.226	-1.092
330	397	.147	.265	1.235	-1.492
330	398	-.388	.116	.048	-.827
330	399	-.306	.147	.186	-.839
330	400	-.005	.263	.810	-.953
330	401	.151	.255	.926	-.845
330	402	-.014	.191	.666	-.867
330	403	.043	.393	.042	-2.660
330	404	-.746	.379	.233	-2.735
330	405	-.424	.203	.191	-1.669
330	406	-.352	.121	.067	-1.223
330	407	-.352	.147	.191	-1.574
330	408	-.203	.103	.204	-.740
330	409	-.215	.092	.124	-.557
330	410	-.243	.070	.007	-.496
330	411	-.267	.075	.002	-.616
330	412	-.265	.062	.086	-.558
330	413	-.271	.072	.053	-.663
330	414	-.279	.066	.065	-.673
330	415	-.277	.063	.047	-.680
330	416	-.275	.060	.089	-.718
330	417	-.757	.349	.194	-2.639
330	418	-.546	.265	.062	-1.850
330	419	-.282	.096	.106	-.940
330	420	-.222	.069	.046	-.486
330	421	-.237	.070	.068	-.544
330	422	-.255	.059	.043	-.523
330	423	-.281	.085	.062	-.624
330	424	-.268	.095	.189	-.628
330	425	-.111	.228	.722	-.724
330	426	.021	.217	.716	-.707
330	427	-.085	.198	.591	-.772

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	428	-.648	.291	.154	-1.729
330	429	-.484	.263	.164	-2.096
330	430	-.302	.105	-.023	-1.290
330	431	-.236	.074	.012	-.693
330	432	-.238	.076	.004	-.630
330	433	-.247	.080	.033	-.589
330	434	-.226	.058	-.028	-.523
330	435	-.225	.059	.010	-.512
330	436	-.230	.053	-.056	-.411
330	437	-.235	.054	-.019	-.470
330	438	-.239	.048	-.033	-.464
330	439	-.242	.053	-.040	-.455
330	440	-.244	.052	-.024	-.471
330	441	-.247	.059	-.061	-.534
330	442	-.213	.050	-.058	-.464
330	443	-.204	.054	-.015	-.436
330	444	-.191	.053	-.009	-.398
330	445	-.202	.056	.063	-.433
330	446	-.190	.089	.238	-.481
330	447	-.258	.095	.139	-.659
330	448	-.167	.106	.266	-.528
330	449	.152	.163	.721	-.483
330	450	.148	.110	.676	-.287
330	451	-.029	.122	.538	-.532
330	452	-.658	.195	-.005	-1.716
330	453	-.533	.208	-.050	-1.529
330	454	-.285	.107	-.049	-.966
330	455	-.239	.074	-.013	-.782
330	456	-.203	.066	.007	-.565
330	457	-.220	.062	-.034	-.502
330	458	-.174	.050	.012	-.406
330	459	-.250	.064	-.062	-.557
330	460	-.046	.128	.688	-.439
330	461	-.221	.075	.150	-.658
330	462	-.195	.048	-.039	-.457
330	463	-.229	.052	-.030	-.488
330	464	-.220	.050	-.049	-.458
330	465	-.230	.052	-.022	-.442
330	466	-.236	.045	-.056	-.440
330	467	-.257	.053	-.060	-.476
330	468	-.241	.054	-.070	-.502
330	469	-.246	.059	-.049	-.493
330	470	-.134	.073	.152	-.471
330	471	-.263	.060	-.096	-.593
330	472	-.240	.062	-.080	-.565
330	473	-.042	.088	.378	-.387
330	474	-.114	.072	.201	-.347
330	475	-.263	.059	-.067	-.628
330	476	-.240	.062	-.049	-.674
330	477	-.114	.069	.316	-.366
330	478	-.026	.064	.303	-.231
330	479	.137	.102	.667	-.246
330	480	.072	.109	.851	-.209
330	481	-.051	.098	.563	-.349
330	482	-.417	.119	-.044	-1.197
330	483	-.323	.130	.102	-.953
330	484	-.166	.060	.065	-.509
330	485	-.180	.056	.014	-.406
330	486	-.191	.050	-.030	-.452
330	487	-.240	.067	-.055	-.708
330	488	-.140	.063	.232	-.361
330	489	-.194	.057	-.001	-.447
330	490	.038	.114	.742	-.265
330	491	-.186	.068	.102	-.625
330	492	-.139	.046	.019	-.289
330	493	-.182	.047	-.027	-.339
330	494	-.208	.042	-.076	-.357
330	495	-.247	.054	-.079	-.459
330	496	-.221	.053	-.058	-.436
330	497	-.226	.054	-.058	-.454
330	498	-.244	.051	-.083	-.452
330	499	-.266	.065	-.057	-.662
330	801	-.252	.058	-.002	-.487
330	802	-.240	.059	-.019	-.505
330	803	-.237	.066	.022	-.533
330	804	-.247	.051	-.064	-.429
330	805	-.227	.095	.249	-.716
330	806	-.223	.076	.036	-.536
330	807	-.228	.071	.014	-.692
330	808	-.220	.054	.009	-.471
330	901	-.883	.208	-.197	-1.728
330	902	-.212	.146	.210	-.879
330	903	-.860	.143	-.493	-1.801
330	904	-.726	.203	.170	-1.514
330	905	-.288	.220	.458	-1.057
330	906	-.138	.142	.369	-.747
330	907	-.877	.164	-.284	-1.551
330	908	-.182	.130	.266	-.838
330	909	-.900	.167	-.424	-1.614
330	910	-.408	.176	.215	-1.021
330	911	-.193	.108	.220	-.561
330	912	-.576	.206	.141	-1.820
330	913	-.541	.175	.132	-1.832
330	914	-.540	.214	.264	-1.972
330	915	-.470	.125	.195	-1.013
330	916	-.233	.162	.356	-.913
330	917	-.806	.178	-.281	-1.645
330	918	-.126	.138	.354	-.722
330	919	-.264	.195	.454	-.929
330	920	-.725	.198	.008	-1.743
330	921	-.793	.148	.355	-1.460
330	922	-.189	.125	.263	-.747
330	923	-.853	.189	-.179	-1.786
330	924	-.090	.130	.382	-.498
330	925	-.301	.166	.320	-.949
330	926	-.903	.152	-.390	-1.527
330	927	-.551	.227	.214	-1.727
330	928	-.286	.234	.596	-1.411
330	929	-.599	.307	.165	-1.170
330	930	-.256	.140	.410	-.777
340	1	-.284	.084	-.026	-.682
340	2	-.075	.071	.236	-.365
340	3	-.306	.094	.094	-.990
340	4	-.333	.120	.002	-.838
340	101	-.297	.075	-.036	-.687
340	102	-.287	.062	-.078	-.593
340	103	-.298	.078	.028	-.712
340	104	-.285	.070	-.050	-.579
340	105	-.268	.067	-.069	-.632
340	106	-.239	.054	-.051	-.523
340	107	-.192	.072	.109	-.662
340	108	-.147	.078	.172	-.685
340	109	-.286	.201	.508	-1.336
340	110	.330	.225	1.262	-.670
340	111	-.056	.284	1.023	-1.152
340	112	-.159	.184	.721	-1.132
340	113	-.528	.223	.148	-1.604
340	114	-.481	.169	.033	-1.473
340	115	-.414	.162	.044	-1.635
340	116	-.490	.239	.254	-1.568
340	117	-.884	.326	.170	-2.447
340	118	-1.117	.341	-.022	-3.379
340	119	-.240	.182	.631	-1.070
340	120	.005	.195	.849	-.801
340	121	.118	.204	.860	-.524
340	122	.189	.187	.882	-.417
340	123	.207	.232	1.069	-.567
340	124	.293	.264	1.101	-.815
340	125	.291	.261	1.074	-.718
340	126	.289	.253	.999	-.569
340	127	.294	.262	1.050	-.705
340	128	.280	.262	1.041	-.624
340	129	.257	.262	.941	-.534
340	130	.211	.258	1.120	-.492
340	131	.153	.288	.884	-.700
340	132	.127	.302	.484	-1.127
340	133	.270	.279	1.279	-1.154
340	134	.320	.224	.998	-.927
340	135	.307	.222	.985	-1.028
340	136	.317	.142		

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	137	-.315	.183	.187	-1.796
340	138	-.311	.172	.149	-1.348
340	139	-.587	.329	.269	-1.891
340	140	-.940	.303	.356	-2.054
340	141	-.942	.286	.124	-2.610
340	142	-.184	.166	.359	-.702
340	143	.091	.228	.846	-.560
340	144	.405	.269	1.237	-.254
340	145	.470	.276	1.451	-.362
340	146	.444	.231	1.238	-.417
340	147	-.297	.068	-.086	-.790
340	148	-.281	.065	-.058	-.677
340	149	-.292	.080	-.091	-.783
340	150	-.293	.079	-.090	-.967
340	151	-.305	.092	-.074	-.997
340	152	-.279	.087	.068	-.956
340	153	-.266	.087	.101	-.699
340	154	-.267	.101	.125	-.784
340	155	-.307	.160	.566	-.908
340	156	-.245	.262	.922	-1.336
340	157	-.402	.122	.342	-1.154
340	158	-.285	.102	.255	-.649
340	159	-.396	.119	.153	-.862
340	160	-.410	.164	.109	-1.326
340	161	-.479	.207	.043	-1.535
340	162	-.577	.178	-.037	-1.509
340	163	-.642	.223	-.016	-1.947
340	164	-.625	.219	-.116	-1.698
340	165	-.340	.142	.311	-.972
340	166	-.155	.125	.424	-.586
340	167	.086	.171	.870	-.459
340	168	.215	.191	1.227	-.646
340	169	.173	.253	1.003	-1.343
340	170	-.271	.052	-.121	-.581
340	171	-.277	.060	-.096	-.683
340	172	-.276	.077	-.065	-.912
340	173	-.294	.095	-.009	-.939
340	174	-.290	.081	-.054	-.803
340	175	-.288	.087	.054	-.776
340	176	-.274	.080	.115	-.625
340	177	-.292	.102	.210	-.833
340	178	-.326	.099	.141	-.732
340	179	-.365	.141	.479	-1.440
340	180	-.350	.086	-.013	-.798
340	181	-.302	.080	.045	-.634
340	182	-.325	.076	-.008	-.713
340	183	-.389	.109	.026	-.921
340	184	-.432	.132	-.020	-1.123
340	185	-.435	.128	-.013	-1.122
340	186	-.426	.112	-.146	-1.039

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	187	-.435	.122	-.139	-1.413
340	188	-.341	.081	-.043	-.729
340	189	-.260	.080	.022	-.788
340	190	-.155	.070	.122	-.457
340	191	-.237	.225	.288	-1.523
340	192	-.471	.284	.323	-1.809
340	193	-.314	.122	.263	-1.183
340	194	-.307	.087	.051	-.688
340	195	-.303	.090	.118	-.606
340	196	-.311	.090	.043	-.676
340	197	-.354	.100	.073	-.865
340	198	-.232	.045	-.070	-.478
340	199	-.244	.048	-.070	-.447
340	200	-.248	.053	-.061	-.520
340	201	-.249	.056	-.055	-.696
340	202	-.241	.050	-.049	-.617
340	203	-.251	.059	-.004	-.560
340	204	-.243	.061	.010	-.541
340	205	-.250	.072	.048	-.529
340	206	-.259	.073	.122	-.622
340	207	-.328	.096	.056	-.875
340	208	-.369	.100	.043	-.938
340	209	-.422	.130	-.044	-1.204
340	210	-.408	.114	-.084	-1.126
340	211	-.420	.126	-.075	-1.238
340	212	-.340	.081	-.061	-.706
340	213	-.287	.080	-.003	-.705
340	214	-.291	.101	.035	-.732
340	215	-.468	.171	.038	-1.362
340	216	-.470	.156	-.043	-1.181
340	217	-.235	.051	-.081	-.438
340	218	-.218	.046	-.079	-.407
340	219	-.232	.062	-.015	-.502
340	220	-.259	.075	-.013	-.608
340	221	-.300	.124	.004	-1.243
340	222	-.300	.114	-.045	-1.029
340	223	-.214	.048	-.015	-.383
340	224	-.210	.043	-.052	-.349
340	225	-.233	.049	-.046	-.438
340	226	-.223	.047	-.068	-.441
340	227	-.239	.053	-.070	-.445
340	228	-.221	.046	-.066	-.418
340	229	-.214	.047	-.037	-.401
340	230	-.194	.043	-.012	-.397
340	231	-.211	.052	-.036	-.443
340	232	-.207	.052	-.006	-.388
340	233	-.205	.054	-.014	-.458
340	234	-.198	.052	-.027	-.514
340	235	-.227	.065	.006	-.898
340	236	-.230	.063	-.020	-.724

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	237	-.224	.067	.004	-.655
340	238	-.212	.061	-.004	-.526
340	239	-.287	.100	.098	-.838
340	240	-.309	.109	.054	-.956
340	241	-.312	.116	-.023	-1.081
340	242	-.186	.048	.040	-.377
340	243	-.200	.051	.015	-.387
340	244	-.195	.049	.001	-.372
340	245	-.196	.048	-.026	-.355
340	246	-.189	.043	.031	-.345
340	247	-.217	.046	.066	-.376
340	248	-.198	.043	.020	-.398
340	249	-.226	.045	.022	-.400
340	250	-.236	.042	.048	-.386
340	251	-.230	.046	.027	-.396
340	252	-.215	.043	.021	-.387
340	253	-.214	.041	.073	-.354
340	254	-.226	.039	.075	-.349
340	255	-.223	.045	.056	-.401
340	256	-.199	.051	.025	-.360
340	257	-.216	.050	.008	-.376
340	258	-.226	.045	.028	-.374
340	259	-.224	.050	.013	-.384
340	260	-.218	.051	.016	-.394
340	261	-.230	.053	.012	-.422
340	262	-.263	.054	.053	-.500
340	263	-.278	.070	.044	-.642
340	264	-.277	.071	.019	-.656
340	265	-.232	.073	.257	-.491
340	266	-.233	.070	.101	-.523
340	267	-.295	.114	.187	-.836
340	268	-.375	.138	.028	-1.036
340	269	-.373	.129	.061	-1.153
340	270	-.219	.043	.065	-.406
340	271	-.369	.139	.232	-.927
340	272	-.418	.186	.013	-1.229
340	273	-.201	.045	.039	-.371
340	274	-.213	.042	.075	-.361
340	275	-.318	.115	.000	-.940
340	276	-.306	.112	.007	-.871
340	277	-.198	.048	.024	-.361
340	278	-.212	.043	.051	-.349
340	279	-.219	.047	.039	-.388
340	280	-.221	.047	.049	-.387
340	281	-.219	.043	.071	-.415
340	282	-.228	.037	.103	-.351
340	283	-.216	.041	.083	-.342
340	284	-.203	.041	.059	-.333
340	285	-.209	.048	.029	-.388
340	286	-.196	.052	.012	-.354

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	287	-.221	.050	-.041	-.376
340	288	-.205	.048	-.031	-.362
340	289	-.212	.046	-.056	-.376
340	290	-.230	.043	-.093	-.431
340	291	-.221	.047	-.061	-.445
340	292	-.216	.052	-.041	-.466
340	293	-.236	.071	.074	-.593
340	294	-.259	.067	.064	-.597
340	295	-.210	.070	.082	-.499
340	296	-.184	.072	.075	-.562
340	297	-.243	.083	.034	-.698
340	298	-.321	.098	-.001	-.754
340	299	-.318	.111	.045	-.824
340	301	-.030	.248	.809	-.996
340	302	.030	.133	.586	-.508
340	303	-.141	.130	.324	-.579
340	304	-.259	.108	.259	-.732
340	305	-.366	.103	.098	-.768
340	306	-.618	.126	-.280	-1.290
340	307	-.667	.148	-.214	-1.496
340	308	-.655	.155	.017	-1.327
340	309	-.664	.183	-.144	-1.417
340	310	-.579	.138	-.206	-1.071
340	311	-.540	.169	.009	-1.275
340	312	-.518	.191	.045	-1.544
340	313	-.424	.208	.340	-1.673
340	314	-.380	.165	.202	-1.382
340	315	-.566	.307	.249	-2.158
340	316	-.423	.211	.219	-1.322
340	317	-.372	.170	.140	-1.082
340	318	-.348	.127	.006	-.962
340	319	-.383	.134	-.014	-1.030
340	320	-.361	.125	-.009	-1.026
340	321	-.321	.087	-.058	-.728
340	322	-.278	.060	-.077	-.603
340	323	-.313	.074	-.073	-.786
340	324	.297	.280	1.170	-.896
340	325	.304	.214	1.077	-.970
340	326	.192	.142	.768	-.195
340	327	-.097	.130	.468	-.605
340	328	-.270	.108	.146	-.743
340	329	-.624	.139	-.244	-1.952
340	330	-.606	.121	-.227	-1.810
340	331	-.667	.160	-.113	-1.519
340	332	-.654	.186	-.169	-1.631
340	333	-.567	.137	-.137	-1.100
340	334	-.498	.118	-.133	-1.041
340	335	-.497	.135	-.085	-1.103
340	336	-.527	.157	-.113	-1.544
340	337	-.425	.152	.514	-1.042
340	338	-.369	.126	.070	-.958
340	339	-.321	.126	.237	-.905
340	340	-.293	.106	.115	-1.000
340	341	-.325	.104	.098	-.840
340	342	-.367	.107	-.103	-1.313
340	343	-.392	.125	-.031	-1.592
340	344	-.331	.084	-.113	-.842
340	345	-.302	.069	-.088	-.656
340	346	-.281	.058	-.093	-.582
340	347	.303	.197	1.152	-.677
340	348	.340	.178	1.099	-.343
340	349	.299	.173	.982	-.282
340	350	.023	.127	.609	-.554
340	351	-.220	.147	.235	-1.075
340	352	-.677	.198	-.219	-1.995
340	353	-.671	.203	-.247	-1.984
340	354	-.633	.176	-.084	-1.826
340	355	-.601	.207	.014	-1.764
340	356	-.506	.150	-.066	-1.249
340	357	-.455	.117	-.130	-1.054
340	358	-.391	.088	-.130	-.746
340	359	-.480	.123	-.087	-1.075
340	360	-.455	.204	.560	-1.553
340	361	-.396	.162	.305	-1.045
340	362	-.300	.113	.188	-.778
340	363	-.301	.113	.136	-.769
340	364	-.291	.101	.061	-.708
340	365	-.317	.090	-.005	-.744
340	366	-.288	.075	.001	-.690
340	367	-.310	.076	-.026	-.727
340	368	-.291	.061	-.089	-.560
340	369	-.288	.058	-.091	-.612
340	370	.062	.122	.582	-.437
340	371	.201	.146	.808	-.285
340	372	.356	.173	1.005	-.280
340	373	.088	.169	.852	-.731
340	374	-.143	.140	.397	-.790
340	375	-.803	.226	-.292	-2.046
340	376	-.802	.207	-.313	-1.766
340	377	-.668	.207	.036	-1.602
340	378	-.507	.179	-.011	-1.421
340	379	-.466	.168	-.018	-1.301
340	380	-.431	.113	-.146	-.975
340	381	-.316	.106	.081	-.817
340	382	-.445	.111	-.117	-.952
340	383	-.278	.266	.798	-1.241
340	384	-.279	.149	.240	-.886
340	385	-.231	.109	.270	-.769
340	386	-.242	.072	.037	-.515
340	387	-.255	.073	.018	-.581
340	388	-.261	.065	-.057	-.526
340	389	-.265	.071	-.009	-.526
340	390	-.271	.062	-.067	-.593
340	391	-.269	.060	-.093	-.571
340	392	-.267	.059	-.110	-.688
340	393	-.372	.136	.044	-1.065
340	394	-.398	.133	.007	-1.049
340	395	-.171	.156	.717	-.722
340	396	-.342	.120	.273	-.782
340	397	.012	.234	.912	-1.206
340	398	-.242	.094	.144	-.611
340	399	-.120	.131	.458	-.607
340	400	.181	.190	.983	-.506
340	401	.127	.172	.824	-.578
340	402	-.073	.142	.559	-.765
340	403	-.953	.273	.088	-2.338
340	404	-.793	.276	.159	-2.063
340	405	-.428	.202	.129	-1.537
340	406	-.334	.114	.030	-1.018
340	407	-.305	.119	.151	-.810
340	408	-.189	.087	.113	-.691
340	409	-.195	.078	.187	-.523
340	410	-.222	.061	.063	-.436
340	411	-.241	.067	.010	-.503
340	412	-.243	.059	-.072	-.506
340	413	-.244	.062	-.034	-.619
340	414	-.252	.056	-.077	-.573
340	415	-.250	.055	-.086	-.529
340	416	-.246	.053	-.100	-.519
340	417	-.826	.254	.059	-2.335
340	418	-.713	.237	.187	-1.730
340	419	-.284	.130	.143	-1.112
340	420	-.200	.066	.042	-.463
340	421	-.205	.057	.039	-.415
340	422	-.225	.049	-.046	-.398
340	423	-.199	.091	.350	-.581
340	424	-.121	.113	.521	-.437
340	425	.154	.200	.904	-.410
340	426	.110	.138	.688	-.393
340	427	-.079	.142	.523	-.810
340	428	-.719	.215	-.108	-1.809
340	429	-.602	.247	.129	-1.650
340	430	-.340	.151	.037	-1.158
340	431	-.234	.099	.058	-1.133
340	432	-.218	.074	.014	-.724
340	433	-.208	.070	.079	-.616
340	434	-.194	.051	-.023	-.380
340	435	-.197	.053	-.000	-.393
340	436	-.201	.047	-.047	-.392
340	437	-.209	.055	-.031	-.473

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	438	-.215	.050	-.059	-.434
340	439	-.216	.054	-.050	-.516
340	440	-.215	.052	-.057	-.422
340	441	-.221	.057	-.047	-.461
340	442	-.210	.067	-.016	-.659
340	443	-.196	.061	.023	-.476
340	444	-.179	.057	.049	-.445
340	445	-.194	.057	.029	-.420
340	446	-.180	.081	.273	-.464
340	447	-.211	.094	.289	-.580
340	448	-.091	.103	.326	-.364
340	449	.174	.145	.761	-.393
340	450	.114	.106	.553	-.294
340	451	-.071	.115	.331	-.488
340	452	-.627	.195	-.098	-1.803
340	453	-.519	.197	-.047	-1.549
340	454	-.281	.113	.007	-1.049
340	455	-.225	.076	-.001	-.822
340	456	-.186	.064	.029	-.559
340	457	-.204	.057	.062	-.480
340	458	-.165	.046	.039	-.329
340	459	-.234	.059	.016	-.503
340	460	-.056	.118	.679	-.369
340	461	-.189	.075	.101	-.582
340	462	-.167	.048	-.008	-.358
340	463	-.198	.053	-.018	-.419
340	464	-.185	.050	-.032	-.371
340	465	-.195	.045	-.047	-.364
340	466	-.203	.039	-.071	-.358
340	467	-.224	.047	-.070	-.404
340	468	-.202	.048	-.056	-.384
340	469	-.207	.048	-.049	-.485
340	470	-.135	.071	.328	-.451
340	471	-.229	.048	-.073	-.427
340	472	-.202	.050	-.037	-.520
340	473	-.036	.085	.273	-.332
340	474	-.101	.067	.183	-.311
340	475	-.228	.053	-.058	-.508
340	476	-.201	.054	-.034	-.555
340	477	-.100	.065	.215	-.337
340	478	-.020	.064	.247	-.199
340	479	.121	.101	.620	-.144
340	480	.061	.100	.681	-.227
340	481	-.049	.091	.500	-.340
340	482	-.401	.119	-.059	-1.041
340	483	-.308	.132	.083	-.978
340	484	-.152	.061	.063	-.413
340	485	-.164	.052	.060	-.366
340	486	-.178	.046	.019	-.368
340	487	-.222	.061	-.021	-.573

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	488	-.125	.060	.312	-.315
340	489	-.178	.056	.031	-.579
340	490	.023	.103	.555	-.250
340	491	-.168	.063	.026	-.501
340	492	-.123	.044	.034	-.257
340	493	-.154	.044	.026	-.332
340	494	-.181	.039	-.020	-.329
340	495	-.218	.049	-.026	-.397
340	496	-.189	.047	-.000	-.362
340	497	-.195	.047	-.035	-.371
340	498	-.210	.042	-.081	-.400
340	499	-.229	.052	-.078	-.501
340	801	-.228	.052	-.029	-.438
340	802	-.219	.052	-.041	-.377
340	803	-.208	.052	-.022	-.461
340	804	-.229	.042	-.068	-.386
340	805	-.212	.089	.182	-.689
340	806	-.203	.073	.034	-.826
340	807	-.206	.075	.006	-.589
340	808	-.195	.050	-.049	-.395
340	901	-.767	.236	.071	-1.681
340	902	-.308	.151	.081	-.949
340	903	-.796	.151	-.363	-1.754
340	904	-.492	.211	.115	-1.377
340	905	-.503	.187	.261	-1.346
340	906	-.198	.126	.263	-.727
340	907	-.750	.190	-.118	-1.450
340	908	-.173	.103	.143	-.790
340	909	-.785	.167	-.284	-1.507
340	910	-.284	.133	.270	-.804
340	911	-.178	.092	.195	-.593
340	912	-.352	.118	.087	-1.119
340	913	-.337	.107	.075	-1.105
340	914	-.349	.133	.181	-1.664
340	915	-.332	.091	.069	-.774
340	916	-.130	.115	.300	-.552
340	917	-.659	.172	.039	-1.419
340	918	-.064	.107	.360	-.441
340	919	-.141	.139	.466	-.595
340	920	-.503	.197	.287	-1.207
340	921	-.721	.169	-.075	-1.524
340	922	-.134	.079	.193	-.495
340	923	-.693	.209	-.012	-1.602
340	924	-.069	.112	.379	-.538
340	925	-.201	.117	.271	-.703
340	926	-.809	.157	-.321	-1.512
340	927	-.456	.165	.096	-1.253
340	928	-.266	.169	.408	-1.026
340	929	-.457	.205	.089	-1.835
340	930	-.255	.093	.115	-.694

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	1	-.192	.072	.072	-.504
350	2	-.059	.060	.250	-.293
350	3	-.205	.099	.109	-.855
350	4	-.225	.100	.078	-.824
350	101	-.278	.090	.027	-.725
350	102	-.268	.075	-.059	-.664
350	103	-.284	.092	-.003	-.832
350	104	-.282	.087	-.015	-.745
350	105	-.285	.088	-.019	-.768
350	106	-.189	.071	.092	-.498
350	107	-.131	.113	.301	-.515
350	108	-.081	.131	.426	-.615
350	109	-.125	.217	.742	-1.096
350	110	.163	.214	1.007	-.498
350	111	-.107	.188	.731	-.739
350	112	-.117	.141	.480	-.860
350	113	-.342	.143	.085	-1.316
350	114	-.282	.100	.073	-.822
350	115	-.209	.122	.264	-1.176
350	116	-.196	.194	.471	-1.112
350	117	-.409	.365	.550	-2.060
350	118	-.576	.368	.438	-2.692
350	119	-.134	.252	.806	-1.069
350	120	-.014	.251	.963	-.762
350	121	.061	.263	1.011	-.611
350	122	.130	.230	1.002	-.476
350	123	.147	.269	1.324	-.700
350	124	-.268	.075	-.061	-.642
350	125	-.265	.069	-.034	-.606
350	126	-.262	.061	-.074	-.500
350	127	-.267	.069	-.065	-.554
350	128	-.258	.066	-.061	-.563
350	129	-.211	.076	.225	-.608
350	130	-.153	.079	.231	-.525
350	131	-.081	.127	.430	-.480
350	132	-.070	.183	.711	-1.017
350	133	.192	.257	1.115	-.599
350	134	-.138	.119	.385	-.510
350	135	.078	.210	1.011	-.441
350	136	-.237	.112	.179	-.674
350	137	-.169	.119	.436	-.708
350	138	-.142	.115	.417	-.871
350	139	-.216	.259	.648	-1.870
350	140	-.467	.396	.755	-2.183
350	141	-.575	.352	.657	-2.237
350	142	-.101	.177	.799	-.786
350	143	.059	.218	.926	-.581
350	144	.267	.267	1.321	-.333
350	145	.349	.302	1.459	-.393
350	146	.317	.253	1.165	-.398

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	147	-.274	.068	-.070	-.768
350	148	-.263	.063	-.066	-.632
350	149	-.269	.071	-.046	-.761
350	150	-.263	.059	-.066	-.659
350	151	-.270	.068	-.036	-.707
350	152	-.235	.066	.086	-.568
350	153	-.208	.072	.111	-.463
350	154	-.171	.075	.185	-.425
350	155	-.174	.118	.342	-.678
350	156	-.069	.201	.799	-.850
350	157	-.239	.098	.242	-.664
350	158	-.140	.092	.436	-.408
350	159	-.244	.097	.145	-.695
350	160	-.225	.133	.309	-1.284
350	161	-.249	.172	.281	-1.202
350	162	-.369	.191	.285	-1.205
350	163	-.484	.226	.342	-2.119
350	164	-.483	.210	.400	-1.955
350	165	-.235	.142	.570	-.793
350	166	-.100	.110	.370	-.493
350	167	.058	.146	.980	-.331
350	168	.142	.168	.992	-.375
350	169	.151	.195	1.110	-.751
350	170	-.260	.052	-.120	-.608
350	171	-.267	.060	-.078	-.756
350	172	-.267	.072	-.054	-.872
350	173	-.290	.083	-.044	-.873
350	174	-.426	.080	-.207	-.922
350	175	-.157	.060	.034	-.442
350	176	-.231	.059	-.035	-.509
350	177	-.226	.070	-.040	-.583
350	178	-.364	.084	-.016	-.790
350	179	-.119	.106	.447	-.714
350	180	-.240	.069	.018	-.595
350	181	-.204	.070	.088	-.425
350	182	-.355	.071	-.094	-.628
350	183	-.169	.083	.109	-.541
350	184	-.274	.103	.013	-.812
350	185	-.318	.111	.040	-1.119
350	186	-.462	.110	-.132	-1.141
350	187	-.236	.100	.014	-.778
350	188	-.249	.075	.011	-.631
350	189	-.205	.080	.162	-.487
350	190	-.229	.077	.138	-.534
350	191	-.098	.142	.468	-.802
350	192	-.271	.198	.468	-1.023
350	193	-.206	.073	.256	-.578
350	194	-.281	.075	.111	-.493
350	195	-.094	.068	.324	-.295
350	196	-.182	.073	.208	-.552
350	197	-.225	.071	.009	-.628
350	198	-.319	.050	-.156	-.717
350	199	-.140	.044	.014	-.464
350	200	-.229	.054	-.054	-.742
350	201	-.239	.066	-.068	-.925
350	202	-.322	.065	-.145	-.965
350	203	-.136	.049	.032	-.385
350	204	-.209	.052	.030	-.408
350	205	-.207	.054	.019	-.446
350	206	-.287	.060	-.051	-.558
350	207	-.137	.061	.056	-.401
350	208	-.226	.071	.013	-.612
350	209	-.245	.084	-.022	-.786
350	210	-.338	.089	-.051	-.852
350	211	-.174	.080	.056	-.629
350	212	-.214	.060	.004	-.528
350	213	-.197	.064	.040	-.499
350	214	-.258	.076	-.029	-.617
350	215	-.160	.106	.126	-.837
350	216	-.252	.110	.035	-.970
350	217	-.212	.045	-.039	-.396
350	218	-.265	.044	-.099	-.447
350	219	-.119	.044	.054	-.291
350	220	-.186	.049	.020	-.412
350	221	-.201	.064	.016	-.592
350	222	-.264	.067	-.002	-.706
350	223	-.113	.041	.030	-.262
350	224	-.194	.041	-.049	-.331
350	225	-.211	.044	-.072	-.417
350	226	-.261	.045	-.118	-.431
350	227	-.122	.041	.010	-.315
350	228	-.194	.040	-.069	-.316
350	229	-.195	.043	-.022	-.353
350	230	-.237	.043	-.064	-.423
350	231	-.104	.041	.054	-.251
350	232	-.174	.043	-.008	-.314
350	233	-.176	.047	.007	-.322
350	234	-.222	.050	-.045	-.383
350	235	-.099	.051	.071	-.291
350	236	-.181	.055	.008	-.453
350	237	-.167	.058	.131	-.425
350	238	-.207	.059	.076	-.464
350	239	-.112	.065	.126	-.409
350	240	-.200	.079	.001	-.626
350	241	-.209	.086	.009	-.777
350	242	-.211	.047	-.010	-.380
350	243	-.093	.041	.038	-.223
350	244	-.167	.044	-.028	-.319
350	245	-.178	.045	-.010	-.350
350	246	-.220	.046	-.053	-.396
350	247	-.185	.044	-.038	-.351
350	248	-.179	.043	-.035	-.333
350	249	-.191	.041	-.050	-.336
350	250	-.199	.038	-.062	-.337
350	251	-.190	.042	-.036	-.335
350	252	-.180	.040	-.033	-.314
350	253	-.181	.039	-.053	-.314
350	254	-.191	.037	-.076	-.306
350	255	-.188	.043	-.053	-.400
350	256	-.155	.046	.013	-.292
350	257	-.176	.042	-.033	-.328
350	258	-.185	.038	-.062	-.315
350	259	-.181	.043	-.033	-.363
350	260	-.175	.043	-.033	-.334
350	261	-.176	.045	-.026	-.340
350	262	-.197	.046	-.054	-.384
350	263	-.202	.065	-.012	-.561
350	264	-.209	.076	.042	-.576
350	265	-.167	.066	.161	-.374
350	266	-.172	.060	.099	-.362
350	267	-.199	.077	.068	-.518
350	268	-.224	.097	.013	-.753
350	269	-.232	.094	.015	-.743
350	270	-.189	.039	-.052	-.357
350	271	-.232	.103	.114	-.696
350	272	-.248	.126	.052	-1.102
350	273	-.175	.043	-.029	-.321
350	274	-.187	.040	-.057	-.325
350	275	-.229	.093	.044	-.691
350	276	-.220	.094	.037	-.692
350	277	-.169	.041	-.036	-.309
350	278	-.183	.038	-.067	-.313
350	279	-.191	.043	-.045	-.339
350	280	-.187	.040	-.050	-.324
350	281	-.189	.042	-.057	-.376
350	282	-.199	.037	-.079	-.340
350	283	-.186	.040	-.045	-.332
350	284	-.175	.040	-.033	-.322
350	285	-.181	.042	-.038	-.340
350	286	-.162	.043	.043	-.301
350	287	-.177	.041	-.024	-.327
350	288	-.166	.040	-.016	-.302
350	289	-.173	.043	-.021	-.338
350	290	-.189	.040	-.040	-.328
350	291	-.178	.044	-.021	-.327
350	292	-.173	.048	-.004	-.370
350	293	-.189	.058	-.017	-.395
350	294	-.208	.056	-.023	-.418
350	295	-.169	.058	.099	-.436
350	296	-.151	.058	.134	-.397

APPENDIX A -- PRESSURE DATA: CONFIGURATION A: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	297	-.164	.070	.063	-.448
350	298	-.214	.084	.024	-.608
350	299	-.206	.093	.063	-.636
350	301	-.174	.239	.632	-1.456
350	302	-.056	.133	.434	-.783
350	303	-.158	.116	.329	-.605
350	304	-.233	.095	.286	-.785
350	305	-.300	.091	.056	-.754
350	306	-.424	.095	-.181	-.828
350	307	-.459	.116	-.171	-1.089
350	308	-.454	.121	-.139	-1.222
350	309	-.452	.138	-.032	-1.100
350	310	-.394	.096	-.098	-.871
350	311	-.348	.107	-.016	-.894
350	312	-.330	.113	.012	-.863
350	313	-.329	.139	.160	-1.163
350	314	-.302	.115	.095	-.974
350	315	-.377	.182	.068	-2.094
350	316	-.313	.141	.066	-1.181
350	317	-.280	.115	.018	-.955
350	318	-.260	.091	-.024	-.774
350	319	-.276	.094	-.012	-.712
350	320	-.262	.084	-.009	-.678
350	321	-.247	.061	-.007	-.492
350	322	-.224	.051	-.019	-.485
350	323	-.254	.070	-.014	-.710
350	324	.062	.289	1.000	-1.098
350	325	.156	.227	1.113	-1.307
350	326	.077	.123	.543	-.429
350	327	-.135	.106	.288	-.544
350	328	-.252	.090	.121	-.678
350	329	-.428	.101	-.154	-1.052
350	330	-.414	.089	-.163	-.927
350	331	-.459	.128	.029	-1.194
350	332	-.469	.154	-.009	-1.267
350	333	-.407	.104	-.111	-.797
350	334	-.340	.084	-.098	-.774
350	335	-.341	.096	-.003	-.769
350	336	-.373	.119	-.020	-1.224
350	337	-.349	.122	.388	-.951
350	338	-.302	.092	.003	-.748
350	339	-.293	.107	.113	-.807
350	340	-.271	.095	-.007	-.751
350	341	-.270	.087	-.027	-.729
350	342	-.264	.069	-.064	-.611
350	343	-.283	.078	-.057	-.623
350	344	-.253	.060	-.050	-.566
350	345	-.244	.053	-.068	-.443
350	346	-.228	.047	-.075	-.405
350	347	.144	.184	.941	-.669
350	348	.161	.155	.904	-.621
350	349	.104	.127	.747	-.341
350	350	-.086	.096	.386	-.438
350	351	-.256	.119	.193	-.773
350	352	-.565	.169	-.183	-1.484
350	353	-.561	.159	-.192	-1.802
350	354	-.513	.146	-.140	-2.023
350	355	-.455	.177	.032	-1.487
350	356	-.395	.132	.028	-1.288
350	357	-.352	.092	-.036	-.754
350	358	-.285	.070	-.042	-.577
350	359	-.367	.092	-.041	-.764
350	360	-.303	.159	.457	-1.016
350	361	-.294	.116	.140	-.948
350	362	-.226	.075	.129	-.692
350	363	-.242	.072	.029	-.600
350	364	-.240	.065	.046	-.548
350	365	-.253	.066	-.052	-.623
350	366	-.232	.055	-.057	-.519
350	367	-.256	.061	-.066	-.571
350	368	-.247	.054	-.066	-.443
350	369	-.248	.055	-.066	-.549
350	370	-.039	.088	.364	-.331
350	371	.010	.104	.507	-.316
350	372	.101	.127	.667	-.297
350	373	-.039	.138	.519	-.616
350	374	-.192	.114	.260	-.649
350	375	-.732	.201	-.178	-1.717
350	376	-.663	.178	-.168	-1.597
350	377	-.411	.144	-.022	-1.377
350	378	-.308	.082	-.080	-.924
350	379	-.301	.086	-.041	-1.033
350	380	-.324	.079	-.114	-1.078
350	381	-.226	.071	.072	-.487
350	382	-.324	.068	-.044	-.608
350	383	-.107	.161	.565	-.783
350	384	-.211	.080	.142	-.569
350	385	-.199	.060	.037	-.500
350	386	-.224	.050	-.049	-.432
350	387	-.241	.057	-.046	-.473
350	388	-.244	.060	-.060	-.597
350	389	-.243	.058	-.052	-.580
350	390	-.253	.053	-.087	-.539
350	391	-.251	.051	-.079	-.509
350	392	-.245	.050	-.075	-.520
350	393	-.272	.069	-.085	-.591
350	394	-.289	.070	-.064	-.664
350	395	-.182	.079	.285	-.450
350	396	-.261	.066	.029	-.567
350	397	-.068	.132	.568	-.537
350	398	-.171	.070	.196	-.440
350	399	-.133	.091	.465	-.468
350	400	-.020	.142	.638	-.387
350	401	-.039	.148	.575	-.591
350	402	-.144	.118	.382	-.626
350	403	-.625	.197	-.005	-1.803
350	404	-.482	.184	.088	-1.418
350	405	-.313	.110	.090	-.982
350	406	-.266	.060	-.006	-.736
350	407	-.259	.066	-.061	-.649
350	408	-.181	.051	-.001	-.459
350	409	-.186	.052	.011	-.386
350	410	-.202	.045	-.034	-.381
350	411	-.214	.053	-.015	-.455
350	412	-.210	.051	-.050	-.451
350	413	-.212	.052	-.047	-.464
350	414	-.218	.045	-.075	-.396
350	415	-.218	.048	-.069	-.448
350	416	-.213	.045	-.060	-.400
350	417	-.570	.185	-.054	-1.301
350	418	-.482	.172	-.072	-1.236
350	419	-.239	.077	.031	-.748
350	420	-.182	.046	.037	-.347
350	421	-.188	.046	-.012	-.345
350	422	-.200	.042	-.064	-.340
350	423	-.146	.072	.221	-.460
350	424	-.108	.088	.308	-.344
350	425	.024	.158	.613	-.492
350	426	-.003	.124	.469	-.412
350	427	-.122	.121	.371	-.610
350	428	-.536	.169	-.037	-1.257
350	429	-.457	.189	.130	-1.362
350	430	-.275	.095	.010	-.812
350	431	-.213	.067	-.003	-.740
350	432	-.201	.057	-.037	-.559
350	433	-.192	.054	.021	-.477
350	434	-.183	.041	-.049	-.348
350	435	-.184	.044	-.033	-.351
350	436	-.181	.040	-.009	-.331
350	437	-.184	.043	-.039	-.340
350	438	-.189	.039	-.064	-.322
350	439	-.193	.042	-.064	-.341
350	440	-.188	.040	-.052	-.349
350	441	-.189	.047	-.042	-.363
350	442	-.194	.049	-.006	-.434
350	443	-.185	.049	.000	-.346
350	444	-.171	.046	-.004	-.336
350	445	-.180	.049	.014	-.368
350	446	-.167	.066	.247	-.389
350	447	-.187	.078	.106	-.471

APPENDIX A -- PRESSURE DATA: CONFIGURATION A; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	448	-.094	.086	.270	-.367
350	449	.085	.134	.562	-.359
350	450	.038	.100	.598	-.334
350	451	-.106	.107	.461	-.441
350	452	-.519	.156	-.057	-1.145
350	453	-.430	.162	.109	-1.096
350	454	-.254	.083	-.052	-.703
350	455	-.214	.059	-.038	-.665
350	456	-.173	.051	-.008	-.506
350	457	-.187	.046	-.030	-.400
350	458	-.169	.039	.022	-.337
350	459	-.219	.048	-.068	-.443
350	460	-.082	.087	.353	-.359
350	461	-.180	.055	.031	-.461
350	462	-.167	.039	-.013	-.314
350	463	-.190	.044	-.001	-.358
350	464	-.166	.042	.017	-.324
350	465	-.173	.041	-.028	-.342
350	466	-.184	.036	-.050	-.342
350	467	-.204	.042	-.053	-.388
350	468	-.175	.041	-.022	-.329
350	469	-.182	.044	-.023	-.368
350	470	-.111	.064	.170	-.389
350	471	-.209	.045	-.058	-.391
350	472	-.178	.044	-.035	-.369
350	473	-.034	.082	.386	-.317
350	474	-.091	.064	.252	-.285
350	475	-.205	.045	-.071	-.436
350	476	-.173	.045	-.042	-.403
350	477	-.084	.059	.272	-.269
350	478	-.033	.059	.276	-.198
350	479	.073	.089	.446	-.196
350	480	.021	.079	.562	-.268
350	481	-.084	.074	.321	-.312
350	482	-.378	.100	-.087	-.923
350	483	-.328	.121	-.028	-1.073
350	484	-.156	.057	.049	-.494
350	485	-.161	.047	.026	-.312
350	486	-.178	.041	-.008	-.309
350	487	-.211	.051	.017	-.456
350	488	-.133	.050	.118	-.312
350	489	-.169	.049	.009	-.371
350	490	-.021	.079	.341	-.270
350	491	-.169	.056	.024	-.416
350	492	-.124	.043	.051	-.283
350	493	-.148	.042	.009	-.291
350	494	-.173	.037	-.033	-.305
350	495	-.200	.045	-.026	-.361
350	496	-.167	.043	.002	-.315
350	497	-.173	.043	-.029	-.342
350	498	-.189	.039	-.050	-.334
350	499	-.207	.048	-.046	-.456
350	801	-.182	.042	-.033	-.325
350	802	-.175	.042	-.043	-.302
350	803	-.164	.048	.005	-.336
350	804	-.187	.041	-.045	-.354
350	805	-.203	.068	.151	-.610
350	806	-.190	.058	.017	-.457
350	807	-.190	.050	-.029	-.456
350	808	-.192	.038	-.040	-.324
350	901	-.525	.214	.056	-1.489
350	902	-.379	.181	.184	-1.060
350	903	-.730	.194	-.183	-1.622
350	904	-.349	.176	.146	-1.053
350	905	-.478	.166	.044	-1.137
350	906	-.281	.147	.189	-.950
350	907	-.501	.177	-.033	-1.222
350	908	-.267	.136	.171	-.863
350	909	-.629	.186	-.005	-1.553
350	910	-.261	.107	.140	-.841
350	911	-.246	.092	.096	-.581
350	912	-.190	.074	.111	-.619
350	913	-.179	.076	.117	-.581
350	914	-.194	.074	.139	-.645
350	915	-.194	.063	.187	-.371
350	916	-.151	.097	.231	-.525
350	917	-.425	.162	.171	-1.245
350	918	-.110	.099	.324	-.396
350	919	-.189	.095	.306	-.600
350	920	-.288	.162	.258	-1.150
350	921	-.523	.166	-.086	-1.379
350	922	-.162	.068	.124	-.396
350	923	-.454	.186	.087	-1.332
350	924	-.127	.107	.333	-.477
350	925	-.206	.099	.216	-.702
350	926	-.615	.170	-.130	-1.530
350	927	-.363	.091	-.053	-.825
350	928	-.249	.102	.255	-.781
350	929	-.340	.097	-.071	-1.208
350	930	-.240	.055	-.003	-.438

APPENDIX A -- PRESSURE DATA: CONFIGURATION B: TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
2	301	-.619	.399	.567	-2.688
2	319	-.228	.075	.025	-.579
2	403	-.407	.104	-.150	-.894
2	404	-.314	.090	-.041	-.840
2	928	-.174	.053	-.013	-.507
2	929	-.202	.052	-.053	-.586
4	301	-.797	.458	.619	-2.896
4	319	-.231	.076	.012	-.583
4	403	-.376	.113	-.065	-.974
4	404	-.309	.101	-.042	-.824
4	928	-.178	.055	.029	-.577
4	929	-.211	.070	.009	-1.151
6	301	-.861	.461	.363	-3.572
6	319	-.231	.079	.023	-.643
6	403	-.343	.109	-.083	-.938
6	404	-.288	.096	-.028	-.894
6	928	-.177	.063	.090	-.695
6	929	-.200	.064	-.027	-.860
8	301	-.970	.481	.588	-2.930
8	319	-.232	.078	.032	-.582
8	403	-.301	.103	-.048	-.865
8	404	-.259	.094	-.033	-.808
8	928	-.186	.063	.072	-.616
8	929	-.197	.068	-.007	-.833
10	301	-1.107	.452	.192	-3.209
10	319	-.235	.078	.034	-.611
10	403	-.271	.112	.028	-1.034
10	404	-.243	.104	.067	-1.116
10	928	-.179	.063	.044	-.573
10	929	-.196	.075	-.011	-.794
12	301	-1.164	.456	.069	-3.968
12	319	-.255	.088	.058	-.703
12	403	-.254	.102	.049	-1.024
12	404	-.229	.093	.046	-.999
12	928	-.196	.075	.136	-.565
12	929	-.199	.066	-.007	-.611
14	301	-1.126	.401	.019	-3.120
14	319	-.252	.082	-.011	-.683
14	403	-.255	.106	.039	-.935
14	404	-.237	.097	.036	-.878
14	928	-.211	.077	.097	-.598
14	929	-.228	.084	.034	-1.057
16	301	-1.034	.388	-.129	-2.933
16	319	-.245	.084	.034	-.650
16	403	-.253	.095	.086	-.801
16	404	-.234	.087	.063	-.702
16	928	-.219	.081	.188	-.623
16	929	-.239	.082	-.016	-.802
18	301	-.871	.342	-.110	-2.519
18	319	-.258	.094	.021	-.940
18	403	-.245	.078	-.018	-.795
18	404	-.232	.073	.034	-.570
18	928	-.243	.079	.030	-.614
18	929	-.244	.070	-.023	-.803
122	301	-.395	.101	-.078	-.834
122	319	-.410	.093	-.054	-.737
122	403	-.185	.186	.722	-.827
122	404	-.168	.198	.791	-.866
122	928	-.561	.152	.027	-1.199
122	929	-.581	.126	-.212	-1.363
124	301	-.393	.109	-.089	-1.098
124	319	-.411	.092	-.091	-.773
124	403	-.180	.176	.525	-.833
124	404	-.162	.189	.617	-.785
124	928	-.591	.143	-.123	-1.112
124	929	-.632	.143	-.162	-1.267
126	301	-.376	.108	-.031	-.923
126	319	-.406	.092	-.103	-.731
126	403	-.176	.173	.548	-.875
126	404	-.164	.186	.654	-.754
126	928	-.603	.143	-.068	-1.308
126	929	-.635	.150	-.234	-1.953
128	301	-.362	.099	-.083	-.837
128	319	-.396	.094	-.026	-.714
128	403	-.181	.162	.497	-.839
128	404	-.162	.170	.664	-.802
128	928	-.636	.145	-.040	-1.251
128	929	-.622	.144	-.045	-1.322
130	301	-.359	.107	-.031	-1.392
130	319	-.396	.097	.019	-.709
130	403	-.193	.156	.543	-.920
130	404	-.171	.164	.666	-.880
130	928	-.638	.147	-.202	-1.300
130	929	-.660	.180	-.156	-1.750
132	301	-.332	.099	-.026	-.938
132	319	-.380	.105	.009	-.722
132	403	-.192	.144	.618	-.859
132	404	-.162	.148	.595	-.795
132	928	-.653	.158	-.146	-2.022
132	929	-.651	.175	.024	-1.657
134	301	-.337	.106	.019	-1.016
134	319	-.378	.109	.019	-.794
134	403	-.190	.138	.597	-.786
134	404	-.157	.146	.734	-.777
134	928	-.690	.159	-.100	-1.881
134	929	-.690	.197	-.250	-1.717
136	301	-.321	.108	-.010	-.884
136	319	-.357	.102	.048	-.730
136	403	-.178	.123	.433	-.682
136	404	-.135	.130	.342	-.850
136	928	-.671	.161	-.117	-1.854
136	929	-.687	.212	-.071	-2.019
138	301	-.324	.109	.064	-1.051
138	319	-.355	.113	.115	-.696
138	403	-.180	.124	.396	-.733
138	404	-.130	.128	.390	-.734
138	928	-.704	.178	-.057	-1.610
138	929	-.704	.229	.144	-1.850
140	301	-.300	.105	.007	-.895
140	319	-.338	.117	.172	-.747
140	403	-.187	.126	.260	-.712
140	404	-.139	.131	.344	-.675
140	928	-.646	.191	-.066	-2.287
140	929	-.661	.235	.372	-2.025
142	301	-.296	.098	.018	-.788
142	319	-.315	.123	.223	-.760
142	403	-.191	.120	.225	-.818
142	404	-.134	.127	.327	-.793
142	928	-.633	.208	.065	-2.056
142	929	-.638	.240	.374	-1.823
144	301	-.290	.101	.013	-.886
144	319	-.290	.123	.253	-.725
144	403	-.191	.114	.251	-.707
144	404	-.133	.117	.301	-.643
144	928	-.590	.212	.117	-1.801
144	929	-.581	.254	.395	-1.824
146	301	-.290	.098	-.003	-1.181
146	319	-.273	.136	.339	-.899
146	403	-.201	.111	.239	-.674
146	404	-.134	.110	.344	-.619
146	928	-.578	.240	.171	-2.159
146	929	-.542	.285	.381	-2.015
148	301	-.275	.096	.023	-.823
148	319	-.249	.140	.420	-.715
148	403	-.192	.097	.294	-.548
148	404	-.128	.095	.392	-.562
148	928	-.525	.244	.104	-1.813
148	929	-.438	.294	.463	-1.949
182	301	-.284	.114	.027	-.872
182	319	-.459	.307	.478	-2.534
182	403	-.111	.107	.303	-.606
182	404	.233	.124	.647	-.215
182	928	.429	.150	1.067	-.057
182	929	.436	.162	1.192	-.135
184	301	-.298	.130	.091	-1.065
184	319	-.462	.330	.902	-2.888
184	403	-.118	.101	.319	-.675
184	404	.223	.128	.679	-.293
184	928	.436	.152	1.040	.003
184	929	.464	.163	1.107	-.179

APPENDIX A -- PRESSURE DATA: CONFIGURATION B; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
186	301	-.316	.133	.076	-1.010
186	319	-.493	.345	.499	-2.165
186	403	-.124	.099	.344	-.500
186	404	.213	.119	.747	-.145
186	928	.468	.164	1.208	.012
186	929	.482	.150	1.147	.007
188	301	-.342	.144	.073	-1.067
188	319	-.523	.351	.787	-2.376
188	403	-.120	.100	.251	-.502
188	404	.209	.118	.701	-.176
188	928	.464	.137	1.141	.125
188	929	.507	.157	1.022	-.002
190	301	-.329	.136	.085	-1.259
190	319	-.511	.371	.773	-2.348
190	403	-.145	.092	.350	-.591
190	404	.165	.112	.828	-.278
190	928	.445	.138	1.047	.087
190	929	.477	.137	1.176	.030
192	301	-.373	.158	.150	-1.381
192	319	-.556	.400	.964	-2.672
192	403	-.155	.102	.227	-.641
192	404	.169	.123	.636	-.291
192	928	.481	.144	1.127	.096
192	929	.530	.150	1.225	-.024
194	301	-.378	.155	.201	-1.183
194	319	-.579	.408	.757	-2.481
194	403	-.142	.100	.326	-.632
194	404	.173	.125	.667	-.287
194	928	.495	.139	1.334	.163
194	929	.541	.144	1.199	.154
196	301	-.390	.165	.172	-1.298
196	319	-.586	.438	1.004	-2.664
196	403	-.146	.101	.215	-.592
196	404	.159	.123	.700	-.404
196	928	.493	.130	1.130	.087
196	929	.541	.143	1.087	.119
198	301	-.393	.168	.245	-1.292
198	319	-.594	.446	.842	-2.815
198	403	-.156	.105	.286	-.617
198	404	.149	.123	.675	-.348
198	928	.539	.139	1.118	.180
198	929	.561	.145	1.136	.085
200	301	-.344	.161	.258	-1.022
200	319	-.553	.436	.804	-2.513
200	403	-.193	.098	.179	-.494
200	404	.039	.127	.712	-.298
200	928	.442	.147	1.031	.032
200	929	.453	.146	1.148	.058
202	301	-.353	.164	.281	-1.177
202	319	-.528	.471	.738	-2.533

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
202	403	-.197	.099	.163	-.737
202	404	.028	.118	.560	-.466
202	928	.476	.150	1.516	.041
202	929	.454	.139	1.059	.098
204	301	-.368	.167	.185	-1.568
204	319	-.568	.453	.774	-2.514
204	403	-.202	.104	.329	-.721
204	404	.015	.128	.635	-.478
204	928	.476	.154	1.225	.037
204	929	.482	.164	1.205	.073
206	301	-.362	.166	.125	-1.292
206	319	-.555	.446	.843	-2.841
206	403	-.207	.098	.186	-.631
206	404	.017	.121	.551	-.340
206	928	.480	.161	1.425	-.040
206	929	.489	.158	1.187	-.022
208	301	-.359	.161	.179	-1.224
208	319	-.625	.439	.656	-2.909
208	403	-.235	.100	.134	-.657
208	404	-.001	.122	.485	-.412
208	928	.493	.166	1.171	-.006
208	929	.491	.157	1.266	.113
210	301	-.330	.147	.163	-1.100
210	319	-.653	.387	.438	-2.897
210	403	-.257	.122	.196	-.992
210	404	-.000	.144	.604	-.524
210	928	.480	.163	1.218	-.182
210	929	.498	.162	1.350	-.078
212	301	-.328	.141	.064	-.960
212	319	-.702	.395	.522	-3.108
212	403	-.293	.121	.320	-.834
212	404	-.047	.142	.765	-.596
212	928	.496	.173	1.438	.030
212	929	.501	.160	1.440	.047
214	301	-.319	.140	.172	-1.010
214	319	-.717	.359	.569	-2.588
214	403	-.305	.118	.111	-.869
214	404	-.067	.134	.413	-.475
214	928	.507	.174	1.229	-.218
214	929	.494	.172	1.481	.030
296	301	.158	.139	.791	-.547
296	319	-.502	.159	-.114	-1.484
296	403	-.472	.252	.326	-2.281
296	404	-.466	.258	.291	-2.151
296	928	-.192	.171	.376	-1.092
296	929	.260	.142	.192	-1.128
298	301	.170	.136	.729	-.283
298	319	-.508	.162	-.089	-1.505
298	403	-.545	.291	.344	-1.801
298	404	-.528	.303	.315	-1.999

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
298	928	-.200	.178	.466	-1.170
298	929	-.280	.149	.228	-1.434
300	301	.182	.139	.698	-.283
300	319	-.488	.153	-.097	-1.370
300	403	-.574	.298	.551	-2.201
300	404	-.567	.307	.374	-2.125
300	928	-.223	.189	.350	-1.707
300	929	-.293	.173	.202	-2.102
302	301	.194	.152	1.051	-.273
302	319	-.454	.147	-.073	-1.274
302	403	-.724	.327	.272	-2.890
302	404	-.668	.331	.219	-3.095
302	928	-.260	.226	.613	-1.398
302	929	-.384	.197	.167	-2.140
304	301	.226	.148	.829	-.209
304	319	-.465	.147	-.034	-1.171
304	403	-.839	.394	.121	-2.887
304	404	-.737	.394	.387	-2.624
304	928	-.263	.253	.535	-1.631
304	929	-.442	.237	.312	-2.206
306	301	.209	.147	.816	-.312
306	319	-.441	.140	-.071	-1.239
306	403	-.829	.384	.110	-3.504
306	404	-.723	.392	.291	-3.084
306	928	-.248	.236	.522	-1.502
306	929	-.444	.247	.198	-2.893
308	301	.224	.145	.786	-.311
308	319	-.459	.148	-.112	-1.438
308	403	-.867	.394	.189	-2.742
308	404	-.740	.408	.430	-2.562
308	928	-.248	.254	.601	-1.466
308	929	-.474	.263	.187	-2.418
310	301	.225	.157	.783	-.308
310	319	-.433	.141	-.055	-1.315
310	403	-.813	.372	.386	-3.138
310	404	-.742	.379	.254	-2.654
310	928	-.285	.258	.667	-1.865
310	929	-.469	.253	.240	-2.773
312	301	.237	.154	.937	-.218
312	319	-.427	.139	-.014	-1.623
312	403	-.875	.370	.336	-2.706
312	404	-.784	.392	.279	-2.259
312	928	-.291	.268	.663	-1.590
312	929	-.513	.278	.136	-3.227
314	301	.230	.160	.736	-.423
314	319	-.425	.138	-.016	-1.249
314	403	-.910	.355	.088	-2.760
314	404	-.837	.371	.177	-2.673
314	928	-.289	.263	.575	-1.744
314	929	-.525	.284	.106	-2.790

APPENDIX A -- PRESSURE DATA: CONFIGURATION B; TWO DALLAS CENTRE

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
316	301	-.249	.165	.839	-.289
316	319	-.430	.144	.006	-1.213
316	403	-.991	.400	.302	-2.941
316	404	-.819	.412	.311	-2.593
316	928	-.303	.290	.584	-1.896
316	929	-.573	.288	.105	-2.693
318	301	.257	.173	.874	-.446
318	319	-.438	.147	-.003	-1.135
318	403	-1.035	.405	.404	-2.759
318	404	-.849	.412	.290	-2.483
318	928	-.290	.266	.538	-1.798
318	929	-.611	.318	.214	-3.751
320	301	.238	.168	.928	-.564
320	319	-.436	.149	-.047	-1.099
320	403	-1.028	.415	.217	-2.776
320	404	-.783	.417	.170	-2.709
320	928	-.284	.250	.724	-1.711
320	929	-.591	.272	.071	-2.805
322	301	.239	.178	.883	-.356
322	319	-.424	.146	-.011	-1.101
322	403	-1.036	.425	.224	-2.938
322	404	-.757	.419	.247	-2.660
322	928	-.283	.258	.762	-1.946
322	929	-.618	.293	.042	-3.041
324	301	.208	.179	.773	-.665
324	319	-.409	.144	-.000	-1.107
324	403	-1.050	.404	.181	-3.112
324	404	-.781	.386	.289	-2.406
324	928	-.280	.222	.492	-1.303
324	929	-.620	.276	.077	-2.535
326	301	.211	.180	.824	-.601
326	319	-.405	.158	.021	-1.501
326	403	-1.026	.390	.283	-2.514
326	404	-.763	.383	.258	-2.326
326	928	-.276	.227	.458	-1.575
326	929	-.623	.267	.064	-2.723
328	301	.194	.205	.892	-.953
328	319	-.405	.160	-.061	-1.482
328	403	-1.077	.405	.238	-2.743
328	404	-.769	.390	.254	-2.294
328	928	-.290	.215	.577	-1.385
328	929	-.628	.277	.005	-3.041
330	301	.170	.213	.922	-.779
330	319	-.419	.167	-.030	-1.404
330	403	-1.142	.382	.064	-2.765
330	404	-.824	.377	.148	-2.317
330	928	-.301	.214	.428	-1.576
330	929	-.621	.275	.003	-2.977
332	301	.148	.225	.905	-.886
332	319	-.409	.155	-.003	-1.121
332	403	-1.108	.350	.031	-2.575
332	404	-.808	.351	.307	-2.101
332	928	-.286	.202	.380	-1.289
332	929	-.582	.281	.053	-2.944
334	301	.123	.238	.967	-1.156
334	319	-.398	.153	-.009	-1.498
334	403	-1.118	.343	.101	-2.651
334	404	-.840	.357	.274	-2.440
334	928	-.288	.197	.403	-1.409
334	929	-.566	.246	.028	-2.022
336	301	.082	.225	.802	-1.053
336	319	-.389	.143	.006	-1.319
336	403	-1.073	.313	-.174	-2.478
336	404	-.832	.316	.064	-2.151
336	928	-.287	.202	.392	-1.286
336	929	-.530	.222	.010	-1.895
338	301	.017	.236	.708	-.956
338	319	-.364	.125	-.038	-1.012
338	403	-1.016	.293	-.099	-2.668
338	404	-.824	.299	.041	-2.173
338	928	-.274	.172	.274	-1.156
338	929	-.492	.199	.003	-2.184
340	301	-.027	.242	.838	-.910
340	319	-.350	.120	-.005	-1.060
340	403	-.916	.261	-.219	-2.265
340	404	-.762	.263	.100	-2.181
340	928	-.270	.154	.334	-1.076
340	929	-.473	.188	-.044	-1.859
342	301	-.082	.237	.666	-1.099
342	319	-.339	.112	-.025	-.934
342	403	-.864	.250	-.135	-2.319
342	404	-.717	.249	.165	-1.823
342	928	-.264	.139	.271	-.857
342	929	-.444	.162	-.006	-1.463
344	301	-.136	.232	.605	-1.004
344	319	-.322	.106	-.041	-.932
344	403	-.823	.244	-.091	-2.114
344	404	-.667	.241	.069	-1.683
344	928	-.256	.120	.200	-.971
344	929	-.412	.139	-.122	-2.008
346	301	-.172	.231	.648	-1.213
346	319	-.303	.099	-.041	-.723
346	403	-.752	.222	-.001	-2.071
346	404	-.593	.215	-.072	-1.866
346	928	-.251	.108	.164	-.690
346	929	-.393	.122	-.088	-1.342
348	301	-.172	.242	.566	-1.407
348	319	-.292	.101	.044	-.830
348	403	-.766	.230	-.066	-1.832
348	404	-.556	.212	-.033	-1.971
348	928	-.227	.097	.152	-.788
348	929	-.349	.112	-.087	-1.783